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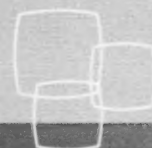
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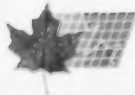
La Gazette du Bureau des brevets



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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grant(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,625,051
2,734,453

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,625,051
2,734,453

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After April 29, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1638*
For each additional sheet over 30	\$18
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 avril 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1638 \$*
Pour chaque feuille au delà de 30	18 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a)) S246

6. Preliminary examination fee S800
(Rule 58)

* International fees will be reduced by:

- S123 for all applications filed using PCT-EASY,
- S246 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- S369 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) 246 S

6. Taxe d'examen préliminaire 800 S
(Règle 58)

* Les frais seront réduits de:

- 123 S pour toutes les demandes déposées en utilisant PCT-EASY,
- 246 S pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 369 S pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Notices

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
- 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
- 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit crédit.

Téléchargez le [formulaire de paiements](#).

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4^e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application \(regular application\);](#)
- [filing a request for national entry;](#)
- [filing an international application \(PCT Safe\);](#)
- [general correspondence relating to applications and patents;](#)
- [maintaining the name of a patent agent on the register of patent agents;](#)
- [ordering copies in paper, or electronic form of a document.](#)

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called [PCT e-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark;](#)
- [filing of a revised application;](#)
- [renewal of a trade-mark registration;](#)
- [request to enter a name on the list of trade-mark agents;](#)
- [annual renewal of a trade-mark agent;](#)
- [requesting copies of trade-mark documents;](#)
- [filing of a declaration of use;](#)
- [registration of a trade-mark application;](#)
- [statement of opposition; and](#)
- [request an extension of time in trade-mark opposition proceedings.](#)

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande \(demande régulière\);](#)
- [déposer une demande d'entrée dans la phase nationale;](#)
- [déposer une demande internationale \(PCT Safe\);](#)
- [correspondance générale concernant des demandes et des brevets;](#)
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets;](#)
- [commande de copies papier ou d'un document sous forme électronique.](#)

Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- [demande d'enregistrement d'une marque de commerce;](#)
- [demande d'enregistrement d'une marque de commerce modifiée;](#)
- [renouvellement de l'enregistrement d'une marque de commerce;](#)
- [demande d'inscription d'un nom à la liste des agents de marques de commerce;](#)
- [renouvellement annuel d'un agent de marques de commerce;](#)
- [commande de copies de documents de marques de commerce;](#)
- [dépôt d'une déclaration d'emploi;](#)
- [l'enregistrement d'une marque de commerce;](#)
- [dépôt d'une déclaration d'opposition; et](#)
- [demande de prolongation de délai dans une procédure d'opposition.](#)

Notices

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or communication signal;
- Filing a grant of interest;
- Request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyrights.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une oeuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques; et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 13, 2014 contains applications open to public inspection from April 27, 2014 to May 3, 2014.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 13 mai 2014 contient les demandes disponibles au public pour consultation pour la période du 27 avril 2014 au 3 mai 2014.

Canadian Patents Issued

May 13, 2014

Brevets canadiens délivrés

13 mai 2014

[11] 2,270,345
[13] C

[51] **Int.Cl.** C07H 21/00 (2006.01) A61K 31/00 (2006.01) A61K 31/175 (2006.01) A61K 31/335 (2006.01) A61K 31/47 (2006.01) A61K 31/4706 (2006.01) A61K 31/70 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)

[25] EN

[54] **IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES**

[54] **MOLECULES D'ACIDE NUCLEIQUE IMMUNOSTIMULANTES**

[72] KRIEG, ARTHUR M., US

[72] KLINE, JOEL N., US

[72] KLINMAN, DENNIS, US

[72] STEINBERG, ALFRED D., US

[72] WEINER, GEORGE, US

[73] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US

[73] COLEY PHARMACEUTICAL GROUP, INC., US

[73] UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES (THE), US

[85] 1999-04-29

[86] 1997-10-30 (PCT/US1997/019791)

[87] (WO1998/018810)

[30] US (08/738,652) 1996-10-30

[11] 2,271,373
[13] C

[51] **Int.Cl.** G01N 21/62 (2006.01) B01L 3/00 (2006.01) B01L 9/00 (2006.01) G01N 21/64 (2006.01)

[25] EN

[54] **LOW FLUORESCENCE ASSAY PLATFORMS AND RELATED METHODS FOR DRUG DISCOVERY**

[54] **PLATE-FORME DE DOSAGE A FAIBLE FLUORESCENCE ET METHODES RELATIVES POUR LA DECOUVERTE DE MEDICAMENTS**

[72] COASSIN, PETER J., US

[72] HAROOTUNIAN, ALEC TATE, US

[72] PHAM, ANDREW A., US

[72] STYLLI, HARRY, US

[72] TSIEN, ROGER Y., US

[73] AURORA BIOSCIENCES CORPORATION, US

[85] 1999-05-07

[86] 1999-02-24 (PCT/US1999/004039)

[87] (WO1999/042608)

[30] US (09/030,578) 1998-02-24

[30] US (09/028,283) 1998-02-24

[11] 2,341,660
[13] C

[51] **Int.Cl.** C22C 19/05 (2006.01) C22F 1/10 (2006.01) C23C 8/10 (2006.01) H05B 3/12 (2006.01)

[25] EN

[54] **MODIFIED NICKEL-CHROMIUM-ALUMINUM-IRON ALLOY**

[54] **ALLIAGE NICKEL-CHROME-ALUMINUM-FER MODIFIE**

[72] HALL, BERTIE FORREST JR., US

[72] VALYKEO, STANLEY JAMES, US

[73] CONCEPTECH, INC., US

[85] 2001-02-22

[86] 1999-08-11 (PCT/US1999/018187)

[87] (WO2000/011230)

[30] US (09/138,484) 1998-08-24

[11] 2,350,543
[13] C

[51] **Int.Cl.** G05B 17/00 (2006.01) G05B 15/00 (2006.01) G05B 19/00 (2006.01) G05B 19/042 (2006.01)

[25] EN

[54] **A VIRTUAL MODULAR RELAY DEVICE**

[54] **UN DISPOSITIF DE RELAIS MODULAIRE VIRTUEL**

[72] THOMAS, ROBERT P., US

[72] PETRIZZI, JAMES, US

[72] MEAGHER, PATRICK, US

[72] MATHUR, SUNIL, US

[72] KARANAM, RAJAIAH, US

[72] BUTLAND, GEOFF, US

[73] GENERAL ELECTRIC COMPANY, US

[85] 2001-05-10

[86] 2000-09-18 (PCT/US2000/025449)

[87] (WO2001/020476)

[30] US (09/397,395) 1999-09-16

[11] 2,359,690
[13] C

[51] **Int.Cl.** G06F 17/00 (2006.01) G06Q 30/06 (2012.01) G09B 5/00 (2006.01) G06F 17/30 (2006.01)

[25] EN

[54] **ELECTRONIC BOOK ELECTRONIC LINKS**

[54] **LIVRE ELECTRONIQUE AVEC LIENS ELECTRONIQUES**

[72] HENDRICKS, JOHN S., US

[72] ASMUSSEN, MICHAEL L., US

[73] ADREA LLC, US

[85] 2001-07-23

[86] 2000-01-27 (PCT/US2000/001625)

[87] (WO2000/045299)

[30] US (09/237,828) 1999-01-27

**Canadian Patents Issued
May 13, 2014**

[11] 2,361,614

[13] E

- [51] **Int.Cl. C07H 19/167 (2006.01) A61K 31/4015 (2006.01) A61K 31/70 (2006.01) A61K 31/7076 (2006.01) A61P 9/10 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 17/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) C07H 19/00 (2006.01) C07H 19/16 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR TREATING INFLAMMATORY RESPONSE**

[54] **COMPOSITIONS PERMETTANT DE TRAITER UNE REPOSE INFLAMMATOIRE**

[72] LINDEN, JOEL M., US

[72] SULLIVAN, GAIL W., US

[72] SAREMBOCK, IAN J., US

[72] MACDONALD, TIMOTHY, US

[72] OKUSA, MARK, US

[72] KRON, IRVING L., US

[72] SCHELD, W. MICHAEL, US

[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US

[85] 2001-07-25

[86] 2000-01-31 (PCT/US2000/002324)

[87] (WO2000/044763)

[48] 2014-05-13

[30] US (60/118,029) 1999-02-01

[30] US (60/124,316) 1999-03-12

[30] US (60/133,374) 1999-05-10

[30] US (60/135,573) 1999-05-24

[30] US (09/333,387) 1999-06-15

[30] US (60/151,412) 1999-08-30

[11] 2,362,099

[13] C

- [51] **Int.Cl. C12Q 1/68 (2006.01) A01N 37/18 (2006.01) A61K 38/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**

[25] EN

[54] **T CELL RECEPTOR V.BETA.-D.BETA.-J.BETA. SEQUENCE AND METHODS FOR ITS DETECTION**

[54] **SEQUENCE V.BETA.-D.BETA.-J.BETA. DU RECEPTEUR DE LEUCOCYTES T ET PROCEDES DE SA DETECTION**

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[72] SMITH, DENNIS, US

[73] CELSION (CANADA) LIMITED, CA

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[72] LOOCK, HANS-PETER, CA

[72] TONG, ZHAOGUO, CA

[73] QUEEN'S UNIVERSITY AT KINGSTON, CA

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[72] KLIPSTEIN, DONALD L., US

[72] BRASS, JACK, CA

[72] WHITFIELD, ROBERT T., CA

[72] DOBBIN, SARAH, CA

[72] HILTS, LORNE, CA

[72] HALLGRIMSSON, BJARKI, CA

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[54] **ENSEMBLES DE BOITIER DE VENTILATEUR EN LIGNE**

[72] GRINBERGS, PETER KARL, CA

[73] AIRIA LEASING INC., CA

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[54] **CONCEPTIONS DE COUVERCLES DE CARTONS INTEGRES**

[72] MCLEOD, MICHAEL B., US

[73] ROCK-TENN SHARED SERVICES, LLC, US

[86] (2503046)

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[54] **SYSTEMES DE GESTION DE TACHES INTEGREES ET METHODES D'EXECUTION D'OPERATIONS BASEES SUR DES REGLES**

[72] KLEIN, KENNETH S., US

[72] WAITE, HERBERT G., US

[72] STARR, GEORGE D., US

[72] WARMBROD, NATHAN, US

[73] UNITED PARCEL SERVICE OF AMERICA, INC., US

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[54] **MATERIELS A BASE DE CELLULES SOUCHES HUMAINES ET PROCEDES CORRESPONDANT**

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[72] ZHAO, YONG, US

[73] UNIVERSITY OF CHICAGO, US

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[54] **METHOD OF SURGICAL REPAIR OF VAGINA DAMAGED BY PELVIC ORGAN PROLAPSE AND PROSTHETIC MATERIALS AND DEVICES SUITABLE FOR USE THEREIN**

[54] **PROCEDE DE REPARATION CHIRURGICALE DU VAGIN ENDOMMAGE PAR LE PROLAPSUS D'UN ORGANE PELVIEN ET MATERIAUX ET DISPOSITIFS PROTHETIQUES APPROPRIES POUR ETRE UTILISES DANS CE PROCEDE**

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[73] ETHICON INC., US

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[54] **COMPOSES ET METHODES PERMETTANT D'AUGMENTER LA NEUROGENESE**

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[72] ERLANDSSON, RIKARD, SE
[72] FRISEN, JONAS, SE
[72] HAEGERSTRAND, ANDERS, SE
[72] HEIDRICH, JESSICA, SE
[72] HELLSTROEM, NINA, SE
[72] HAGGBLAD, JOHAN, SE
[72] JANSSON, KATARINA, SE
[72] KORTESMAA, JARKKO, SE
[72] LINDQUIST, PER, SE
[72] LUNDH, HANNA, SE
[72] MCGUIRE, JACQUELINE, SE
[72] MERCER, ALEX, SE
[72] NYBERG, KARL, SE
[72] OSSOINAK, AMINA, SE
[72] PATRONE, CESARE, SE
[72] RONNHOLM, HARRIET, SE
[72] ZACHRISSON, OLOF, SE
[72] WIKSTROM, LILIAN, SE
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[54] **METHOD AND APPARATUS FOR OPERATING AN INTERCOOLER FOR A GAS TURBINE ENGINE**

[54] **METHODE ET DISPOSITIF D'EXPLOITATION DE REFROIDISSEUR INTERMEDIAIRE POUR MOTEUR A TURBINE**

[72] JOSHI, NARENDRA DIGAMBER, US
[72] HELD, TIMOTHY JAMES, US
[72] WOLF, DAVID PAUL, US
[72] REALE, MICHAEL JOSEPH, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2507977)
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[54] **MATRICE CELLULAIRE A BASE DE FILM**

[72] MARSON, JAMES, US
[72] GETZEWICH, LEE A., US
[73] CASCADE DESIGNS, INC., US
[85] 2005-06-03
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[54] **COMMUTATEUR DE FICHIER UTILISANT DES METADONNEES ET SYSTEME FICHIER COMMUTE**

[72] MILOUSHEV, VLADIMIR, US
[72] NICKOLOV, PETER, US
[73] F5 NETWORKS, INC., US
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[13] C

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[25] EN

[54] **PLANT TRANSFORMATION WITH IN VIVO ASSEMBLY OF A SEQUENCE OF INTEREST BY SITE-SPECIFIC RECOMBINATION**

[54] **TRANSFORMATION DE VEGETAUX OBTENUE PAR L'ASSEMBLAGE IN VIVO D'UNE SEQUENCE D'INTERET PAR RECOMBINAISON SPECIFIQUE AU SITE**

[72] GIRITCH, ANATOLY, DE
[72] ELIBY, SERIK, DE
[72] MARILLONNET, SYLVESTRE, DE
[72] KLIMYUK, VICTOR, DE
[72] GLEBA, YURI, DE
[73] BAYER CROPS SCIENCE NV, BE
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[54] **CHAUSSURE AVEC TIGE ET STRUCTURE DE SEMELLE SEPARABLE**

[72] GROVE, JAMES A., US
[72] AVAR, ERIC P., US
[72] KILGORE, BRUCE J., US
[72] FRITON, MICHAEL R., US
[73] NIKE INTERNATIONAL LTD., US
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ENTRAPPING THERAPEUTIC
AGENTS FOR PHOTODYNAMIC
THERAPY AND METHOD OF
USING SAME
[54] NANOPARTICULES A BASE DE
CERAMIQUE POUR
ENCAPSULER DES AGENTS
THERAPEUTIQUES AUX FINS
D'UNE THERAPIE
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[72] ROY, INDRAJIT, US
[72] BERGEY, EARL J., US
[72] OHULCHANSKY, TYMISH Y., US
[72] PUDAVAR, HARIDAS, US
[72] PANDEY, RAVINDRA K., US
[72] MORGAN, JANET, US
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THE THERAPEUTIC AGENT
CONTAINED THEREIN
[54] PROCEDE DE REVETEMENT
D'EXTENSEURS AFIN
D'ACCROITRE LA STABILITE DE
L'AGENT THERAPEUTIQUE QUI
S'Y TROUVE
[72] AKERMAN, EUGENA A., US
[72] CLEEREN, DIRK, US
[72] LLANOS, GERARD, US
[72] MARYANOFF, CYNTHIA A., US
[72] PAPANDREOU, GEORGIOS, US
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[72] SIX, KAREL, US
[72] TODD, THOMAS L., US
[73] CORDIS CORPORATION, US
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(2006.01) A61K 48/00 (2006.01) A61P
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C12Q 1/68 (2006.01) G01N 33/53
(2006.01) G01N 33/574 (2006.01)
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CORRESPONDING PROTEINS
ENTITLED 254PID6B USEFUL IN
TREATMENT AND DETECTION
OF CANCER
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[72] RAITANO, ARTHUR B., US
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[72] CHALLITA-EID, PIA M., US
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[54] **METHOD, SYSTEM, AND APPARATUS FOR CREATING AN ARCHITECTURAL MODEL FOR GENERATING ROBUST AND EASY TO MANAGE DATA PROTECTION APPLICATIONS IN A DATA PROTECTION SYSTEM**
[54] **METHODE, SYSTEME ET APPAREIL PERMETTANT DE CREER UN MODELE ARCHITECTURAL POUR LA GENERATION D'APPLICATIONS DE PROTECTION DE DONNEES FIABLES ET FACILES A GERER DANS UN SYSTEME DE PROTECTION DE DONNEES**
[72] BERKOWITZ, BRIAN T., US
[72] VAN INGEN, CATHARINE, US
[72] ZIZYS, GIEDRIUS, US
[72] BADAMI, VINAY, US
[73] MICROSOFT CORPORATION, US
[86] (2515330)
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[30] US (10/937,218) 2004-09-09

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[72] STROM, TERRY B., US
[72] LIBERMANN, TOWIA, US
[72] SCHACHTER, ASHER, US
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[73] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **GLYPHOSATE RESISTANT CLASS I 5-ENOLPYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE (EPSPS)**
[54] **5-ENOLPYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE (EPSPS) DE CLASSE I RESISTANTE AU GLYPHOSATE**
[72] ALIBHAI, MURTAZA F., US
[72] CAJACOB, CLAIRE, US
[72] FENG, PAUL C. C., US
[72] HECK, GREGORY R., US
[72] QI, YOU LIN, US
[72] FLASINSKI, STANISLAW, US
[72] STALLINGS, WILLIAM C., US
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE**
[54] **GENES DE DELTA-ENDOTOXINES ET LEURS METHODES D'UTILISATION**
[72] CAROZZI, NADINE, US
[72] HARGISS, TRACY, US
[72] KOZIEL, MICHAEL G., US
[72] DUCK, NICHOLAS B., US
[72] CARR, BRIAN, US
[73] ATHENIX CORPORATION, US
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[30] US (10/781,979) 2004-02-19
[30] US (10/783,417) 2004-02-19
[30] US (10/782,020) 2004-02-19
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[25] EN
[54] **HIGH THRUST GAS TURBINE ENGINE HAVING IMPROVED CORE SYSTEM**
[54] **TURBINE A GAZ A POUSSEE ELEVEE COMPRENANT UN SYSTEME DE NOYAU CENTRAL AMELIORE**
[72] ORLANIXO, ROBERT JOSEPH, US
[72] VENKATARAMANI, KATTALAICHERI SRINIVASAN, US
[72] LEE, CHIING-PANG, US
[72] MONIZ, THOMAS ORY, US
[72] MURROW, KURT DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
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[87] (2517772)
[22] 2005-09-01
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[54] **SYSTEMS AND METHODS FOR GENERATION AND VALIDATION OF ISOGENY-BASED SIGNATURES**
[54] **SYSTEMES ET METHODES POUR PRODUIRE ET VALIDER DES SIGNATURES BASEES SUR DES ISOGENIES**
[72] JAO, DAVID Y., US
[72] MONTGOMERY, PETER L., US
[72] VENKATESAN, RAMARATHNAM, US
[72] BOYKO, VICTOR, US
[73] MICROSOFT CORPORATION, US
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[54] **METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MANAGING CONTROLLED RESIDENTIAL OR NON-RESIDENTIAL ENVIRONMENTS**
[54] **PROCEDE, SYSTEME ET PRODUIT INFORMATIQUE DE GESTION D'ENVIRONNEMENTS RESIDENTIELS OU NON RESIDENTIELS CONTROLES**
[72] KRZYZANOWSKI, PAUL, US
[72] LIN, WAYZEN, US
[72] PITTS, MICHAEL, US
[73] ID8 GROUP R2 STUDIOS, INC., US
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[54] **COMPOSITION DE MEDICAMENT COMPORTANT UN PRINCIPE ACTIF ADHERE EN CONCENTRATION ELEVEE A UN NOYAU SPHERIQUE**
[72] YONEYAMA, SHUJI, JP
[72] BANDO, HIROTO, US
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **TIROIR**
[72] BRUSTLE, KLAUS, AT
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[73] JULIUS BLUM GESELLSCHAFT M.B.H., AT
[85] 2005-09-14
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[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/4188 (2006.01) A61K 31/4353 (2006.01)
[25] FR
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[54] **DERIVES D'IMIDAZO-PYRIDINE COMME AGONISTES OU ANTAGONISTES DU RECEPTEUR DE LA MELANOCORTINE**
[72] POITOUT, LYDIE, FR
[72] BRAULT, VALERIE, FR
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[54] **PROCEDE ET APPAREIL POUR TELEPHONIE A SYSTEME VOCAL SUR L'INTERNET UTILISANT UN RESEAU PRIVE VIRTUEL**
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[72] LAGRANGE, DANIEL M., CA
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[54] **METHODE D'ANALYSE D'EPROUVETTES DE MATERIAUX REDUCTIBLES CONTENANT DU FER**
[72] APELQVIST, ANDERS, SE
[72] MICKELSSON, KJELL-OVE, SE
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **COMPOSITIONS CONTENANT DES AMINES ET UTILISATION CONNEXE**

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[72] LUKENBACH, ELVIN R., US

[72] BORDOLOI, BINOY K., US

[72] KIZOULIS, MENAS, US

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[72] SALERNO, CATHERINE STUBLER, US

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[72] MITCHELL, PHYLLIS, US

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[54] **ORDONNANCEUR DE PROCESSUS A PARTITIONNEMENT ADAPTATIF DES FILES DE PROCESSUS**

[72] DANKO, ATTILLA, CA

[72] MARINEAU-MES, SEBASTIEN, CA

[72] VAN DER VEEN, PETER, CA

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[54] **PROCEDE ET SYSTEME PERMETTANT DE SUPPRIMER DES CARACTERISTIQUES DANS DES PAGES DE CONTENU**

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[54] **DISPOSITIF DE DETECTION A FIBRES OPTIQUES ET METHODE DE FABRICATION ET D'UTILISATION DE CE DISPOSITIF**

[72] MCCARTHY, KEVIN THOMAS, US

[72] DENG, KUNG-LI JUSTIN, US

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[54] **DISPOSITIFS OPTIQUES A CHANGEMENT DYNAMIQUE D'APPARENCE (DACOD) IMPRIMES DANS UN CHAMP MAGNETIQUE MIS EN FORME COMPRENANT DES STRUCTURES DE FRESNEL IMPRIMABLES**
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[72] BLUM-SPERISEN, STEPHANIE, CH
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- [54] **DISPOSITIF MEDICAL IMPLANTABLE AVEC MECANISME DE FIXATION REVERSIBLE ET METHODE**
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- [72] BYRUM, RANDAL T., US
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[72] WELLINGTON, SCOTT LEE, US
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[54] **SYSTEME DE LIBERATION D'UN DISPOSITIF D'OCCLUSION VASCULAIRE FAISANT APPEL A UN LASER**
[72] JONES, DONALD K., US
[72] MITELBERG, VLADIMIR, US
[73] CORDIS DEVELOPMENT CORPORATION, US
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[72] DOUSSINAULT, MARC EMMANUEL, FR
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[54] **METHODS, APPARATUS, MEDIA, AND SIGNALS FOR CONTROLLING SUPPLY OF A UTILITY SERVICE TO A LOAD**
[54] **METHODES, APPAREIL, SUPPORT ET SIGNAUX PERMETTANT DE CONTROLER LA FOURNITURE D'UN SERVICE PUBLIC A UNE CHARGE**
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[73] SMART DISASTER RESPONSE TECHNOLOGIES INC., US
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[54] **HYDRAULIC CEMENT BASED ON CALCIUM PHOSPHATE FOR SURGICAL USE**
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[73] DR. H. C. ROBERT MATHYS STIFTUNG, CH
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[54] **DERIVES DE 2-PYRIDINYLETHYLCARBOXAMIDE ET LEUR UTILISATION EN TANT QUE FONGICIDES**

[72] MANSFIELD, DARREN JAMES, FR

[72] RIECK, HEIKO, FR

[72] COQUERON, PIERRE-YVES, FR

[72] DESBORDES, PHILIPPE, FR

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[54] **APPLICATEUR DE BAGUE PEPTIQUE REUTILISABLE**

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[54] **COMPOSITION D'ADDITIF A BASE D'HUILE LUBRIFIANTE ET METHODE DE PRODUCTION CONNEXE**

[72] STOKES, CASEY D., US

[72] VAN DAM, WILLEM, US

[73] CHEVRON ORONITE COMPANY LLC, US

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[54] **STOCKAGE D'ENSEMBLES DE PARAMETRES DE CODAGE VIDEO AVANCE (AVC) DANS UN FORMAT DE FICHIER AVC**

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[54] **AMELIORATIONS DES INTERACTIONS ENTRE LES PARTICULES DANS UN ECOULEMENT DE FLUIDE**

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[72] WILKINS, JOHN WALTER, AU

[72] NATHAN, GRAHAM JERROLD, AU

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[72] SCHWEMBERGER, RICHARD F., US
[72] KELLY, WILLIAM D., US
[73] ETHICON ENDO-SURGERY, INC., US
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[72] HOBSON, DAVID, GB
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[73] THE LUBRIZOL CORPORATION, US
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[54] OLIGONUCLEOTIDES ASSOCIES A DES ATTACHEMENTS SUR UNE MEMBRANE LIPIDIQUE
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[72] TAMILARASU, NADARAJAN, US
[72] QI, HONGYAN, US
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[54] **PARTIE DE JONCTION D'EXTREMITE A SEPARATION DE COUCHES LIMITEE**

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[54] **INHIBITEURS D'HISTONE DESACETYLASE**

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[72] VAISBURG, ARKADII, CA

[72] MORADEI, OSCAR, CA

[72] LEIT, SILVANA, CA

[72] FRECHETTE, SYLVIE, CA

[72] ZHOU, ZHIHONG, CA

[72] PAQUIN, ISABELLE, CA

[72] GAUDETTE, FREDERIC, CA

[72] ISAKOVIC, LJUBOMIR, CA

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[72] RAEPPEL, STEPHANE, CA

[73] METHYLGENE INC., CA

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[72] KOLLER, MANFRED R., US

[72] HANANIA, ELIE G., US

[72] FIECK, ANNABETH, US

[72] EISFELD, TIMOTHY M., US

[73] INTREXON CORPORATION, US

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[72] GORDIENKO, PAVEL S., RU

[72] SINKOV, GENNAIDI V., RU

[73] BRETON SPA, IT

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[54] **EGALISEUR HYBRIDE DE BLOCS DE DOMAINES**

[72] WANG, XIANBIN, CA

[72] WU, YIYAN, CA

[72] LEDOUX, BENOIT, CA

[72] LAFLECHE, SEBASTIEN, CA

[72] GAGNON, GILES, CA

[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF INDUSTRY, THROUGH THE COMMUNICATIONS RESEARCH CENTRE CANADA, CA

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[72] BARNES, BRANIXON A., US
[72] JOHNSON, DEREK N., US
[72] SEMMLER, SCOTT E., US
[73] CORNING CABLE SYSTEMS LLC, US
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[54] **ANTIOXIDANT-PROMOTING HERBAL EXTRACT COMPOSITIONS FOR ALLEVIATING OXIDATIVE STRESS IN A MAMMAL**
[54] **COMPOSITIONS D'ACTIVATION DES ANTIOXYDANTS A BASE D'EXTRAITS DE PLANTES DESTINEES A ATTENUER LE STRESS OXYDATIF CHEZ UN MAMMIFERE**
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[72] DRISCOLL, WILLIAM J., US
[73] LIFELINE NUTRACEUTICALS CORPORATION, US
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[54] **MICRO-CHANNEL REACTOR WITH CATALYSTS APPLIED DIRECTLY TO THERMALLY-GROWN ALUMINA, METHODS USING SAME AND OXIDATIVE DEHYDROGENATION**
[54] **REACTEUR A MICROCANAUX COMPRENANT DES CATALYSEURS APPLIQUES DIRECTEMENT SUR DE L'ALUMINE FORMEE PAR CROISSANCE THERMIQUE, PROCEDES D'UTILISATION DUDIT REACTEUR ET DE DESHYDROGENATION OXYDATIVE**
[72] DALY, FRANCIS, US
[72] LONG, RICHARD, US
[72] YANG, BARRY L., US
[72] MAZANEC, TERRY, US
[72] WATSON, JUNKO M., US
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[72] SATO, SETSUO, BR
[72] BUCCHI ALENCASTRE, JULIANA, BR
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- [72] SUNATORI, GO SIMON, CA
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- [54] PROCEDE DESTINE A ETRE UTILISE SUR LA PARTIE HUMIDE D'UNE MACHINE A PAPIER, D'UNE MACHINE A CARTON OU D'UNE MACHINE EQUIVALENTE DE FORMATION DE BANDE
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- [72] VEPSALAINEN, MIKKO, FI
- [72] RAUTAINEN, JUUKA, FI
- [72] HAKKINEN, MATTI, FI
- [72] KYLLIAINEN, PEKKA, FI
- [72] KARINEN, SEPPÖ, FI
- [72] RASANEN, JARI, FI
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- [72] AHILUWALIA, VIKAS, US
- [72] MENON, VINOD, US
- [72] NG, KAM-LUN, US
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[72] YU, JUNG-PIL, KR
[72] PARK, EUI-JUN, KR
[72] KWON, YONG-SIK, KR
[72] CHANG, YONG-DEOK, KR
[72] JEONG, HAE-JOO, KR
[72] KIM, JOON-SOO, KR
[72] JEONG, JIN-HEE, KR
[72] JI, KUM-RAN, KR
[72] KIM, JONG-HUN, KR
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[72] JIN, WU, GB
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[72] YE, IVAN, CN
[73] RECKITT BENCKISER (UK) LIMITED, GB
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[54] **SYSTEMES ET PROCEDES CHROMATOGRAPHIQUES VISANT A ELIMINER L'INTERFERENCE PROVOQUEE PAR DES AGENTS INTERFERENTS**
[72] GAMACHE, YVES, CA
[72] FORTIER, ANDRE, CA
[73] PANALYTIC INC., CA
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[54] **PROCEDE DE PRODUCTION D'UN FLUX DE GAZ PURIFIE**
[72] VAN DEN BRAND, CORNELIS PETRUS JOHANNES MARIA, NL
[72] SINGOREDJO, LYDIA, NL
[72] SMITS, JOHANNES THEODORUS MARIA, NL
[73] SHELL CANADA LIMITED, CA
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[72] CRNKOVICH, MARTIN JOSEPH, US
[72] SCHLAEPER, CHRISTIAN, US
[72] JENSEN, LYNN, US
[72] REIHANIFAM, MOHSEN, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[72] HUBNER, PAUL, CA
[73] BAFFIN INC., CA
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[54] **RECEPTEUR DE PROTEINE DE NEUROTOXINE A DE BOTULINUS ET UTILISATIONS ASSOCIEES**

[72] RUMMEL, ANDREAS, DE

[72] BINZ, THOMAS, DE

[72] MAHRHOLD, STEFAN, DE

[72] BIGALKE, HANS, DE

[73] TOXOGEN GMBH, DE

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[54] **IMMUNODOSAGE TURBIDIMETRIQUE PERMETTANT D'EVALUER LA CYSTATINE C HUMAINE**

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[72] NILSEN, TOM, NO

[73] GENTIAN AS, NO

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[54] **ADSORPTION DE COMPOSES ORGANIQUES VOLATILS DERIVES DE SUBSTANCE ORGANIQUE**

[72] ILKENHANS, THOMAS, GB

[72] POULSTON, STEPHEN, GB

[72] SMITH, ANDREW WILLIAM JOHN, GB

[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB

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[54] **COMPOSITION FOR USE IN EDIBLE BIODEGRADABLE ARTICLES AND METHOD OF USE**

[54] **COMPOSITION A UTILISER DANS DES ARTICLES BIODEGRADABLES COMESTIBLES ET LEUR PROCEDE D'UTILISATION**

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[72] DELLINGER, DAVID, US

[73] BIOSPHERE INDUSTRIES, LLC, US

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[54] **ADAPTATEUR AMOVIBLE POUR SYSTEME D'INTRODUCTION DIVISIBLE ET PROCEDE D'UTILISATION CORRESPONDANT**

[72] AMISAR, SHAI, IL

[72] RADOMSKI, RONEN, IL

[73] FLEXICATH LTD., IL

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[72] FRIGG, ROBERT, CH

[72] SCHORI, PASCAL, CH

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[54] **NOUVEAU MODE DE TRANSPORT**
[72] RIGO, FRED, CA
[73] RIGO, FRED, CA
[86] (2629332)
[87] (2629332)
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[54] **DOOR HANDLE MOUNTING SYSTEM**
[54] **MONTAGE DE POIGNEE DE PORTE**
[72] GUILLEMET, GUY, CA
[73] FERCO ARCHITECTURAL HARDWARE, CA
[86] (2630058)
[87] (2630058)
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[54] **DISPOSITIF DE REFROIDISSEMENT A LA TEMPERATURE DE ROSEE**
[72] MEIJER, WILLEM, NL
[73] OPTIMAIR HOLDING B.V., NL
[85] 2008-05-26
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[54] **[(1H-INDOL-5-YL)-HETEROARYLOXY]-(1-AZA-BICYCLO[3.3.1]NONANES AS CHOLINERGIC LIGANDS OF THE N-ACHR FOR THE TREATMENT OF PSYCHOTIC AND NEURODEGENERATIVE DISORDERS**
[54] **[(1H-INDOL-5-YL)-HETEROARYLOXY]-(1-AZA-BICYCLO[3.3.1]NONANES UTILISES EN TANT QUE LIGANDS CHOLINERGIQUES DE N-ACHR POUR LE TRAITEMENT DES TROUBLES PSYCHOTIQUES ET NEURODEGENERATIFS**
[72] FEUERBACH, DOMINIK, DE
[72] FREDERIKSEN, MATHIAS, CH
[72] HURTH, KONSTANZE, FR
[72] ROY, BERNARD LUCIEN, CH
[72] WAGNER, BEATRIX, DE
[73] NOVARTIS AG, CH
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[54] **INFANT NASAL INTERFACE MASK**
[54] **MASQUE ASSURANT UNE INTERFACE NASALE POUR NOURRISSON**
[72] ZOLLINGER, CHRIS, US
[72] PIERRO, BRIAN, US
[73] CAREFUSION 2200, INC., US
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[54] **FORMALDEHYDE-FREE PHENOLIC RESIN BINDER**
[54] **LIANT DE RESINE PHENOLIQUE EXEMPT DE FORMALDEHYDE**
[72] WAGNER, EVA, DE
[72] HUNIG, HAGEN, DE
[73] SAINT-GOBAIN ISOVER, FR
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[54] **COMPOSITIONS AND METHODS FOR PREVENTING OR TREATING INFLAMMATORY BOWEL DISEASE**
[54] **COMPOSITIONS ET PROCEDES POUR LA PREVENTION OU LE TRAITEMENT DE LA MALADIE INTESTINALE INFLAMMATOIRE**
[72] KHOO, CHRISTINA, US
[72] SCHOENHERR, WILLIAM D., US
[72] GROSS, KATHY L., US
[73] HILL'S PET NUTRITION, INC., US
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[54] **ADAPTATEUR DE PRODUIT EN ROULEAU SANS AME POUR DISTRIBUTEURS ENCASTRES**

[72] PHELPS, STEPHEN L., US

[73] KIMBERLY-CLARK WORLDWIDE, INC., US

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[54] **ELECTRIC CABLE COMPRISING A FOAMED POLYOLEFINE INSULATION AND MANUFACTURING PROCESS THEREOF**

[54] **CABLE ELECTRIQUE COMPRENANT UNE ISOLATION EN POLYOLEFINE EXPANSEE ET SON PROCEDE DE FABRICATION**

[72] FRIGERIO, MARCO, IT

[72] CASIRAGHI, FLAVIO, IT

[72] CRISCI, VINCENZO, IT

[72] GRASSELLI, GIANBATTISTA, IT

[72] PONS, JEAN-LOUIS, IT

[72] BAREGGI, ALBERTO, IT

[73] PRYSMIAN CAVI E SISTEMI ENERGIA S.R.L., IT

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[54] **DEVICE FOR COLLECTING GASES IN MOLTEN METALS AND MEASUREMENT METHOD**

[54] **ECHANTILLONNEUR DE GAZ DANS DES METAUX EN FUSION ET METHODE DE MESURE**

[72] GERITS, ERIK, BE

[72] VERSTREKEN, PAUL CLEMENT, BE

[72] SWENNEN, JOS, BE

[72] AEGTEN, JOZEF THEODOOR, BE

[73] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE

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[87] (2634401)

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[54] **TRACING ITEMS THROUGH A NON-SEQUENTIAL PROCESS**

[54] **SUIVI D'ARTICLES PAR UN PROCESSUS NON SEQUENTIEL**

[72] THORSSON, BRYNJOLFUR, IS

[72] THORVALDSSON, BJORN, IS

[72] ASGEIRSSON, ASGEIR, IS

[73] MAREL FOOD SYSTEMS HF, IS

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[30] IS (8196) 2005-12-22

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[13] C

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[25] EN

[54] **DEVICE FOR AUTOMATICALLY EQUIPPING SUBSTRATES WITH MEDICAL AND/OR PHARMACEUTICAL AND/OR FOOD SUPPLEMENTING PRODUCTS AND SYSTEM FOR AUTOMATICALLY PRODUCING PACKAGING FOR MEDICAL AND/OR PHARMACEUTICAL AND/OR FOOD SUPPLEMENTING PRODUCTS**

[54] **DISPOSITIF PERMETTANT DE GARNIR AUTOMATIQUEMENT DES SUBSTRATS AVEC DES PRODUITS MEDICAUX ET/OU PHARMACEUTIQUES ET/OU DES COMPLEMENTES ALIMENTAIRES ; ET INSTALLATION DE PRODUCTION AUTOMATIQUE D'EMBALLAGES DE PRODUITS MEDICAUX ET/OU PHARMACEUTIQUES ET/OU DE COMPLEMENTES ALIMENTAIRES**

[72] STRUB, NIKOLAI, DE

[72] VON BISMARCK, GOTTFRIED, DE

[72] BREU, GERHARD, CH

[72] HAMMER, CHRISTOPH, CH

[72] TRABER, ROMAN, CH

[72] SPECKER, ERICH, CH

[73] KORBER MEDIPAK SYSTEMS GMBH, DE

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- [72] WIRTANEN, JEFFREY, CA
- [72] ISLAM, M. KHALEDUL, CA
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- [72] PLESTID, TREVOR, CA
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- [54] **SYSTEME ET METHODE PERMETTANT DES COMMUNICATIONS VOCALES CHIFFREES ENTRE UN DISPOSITIF EXTERIEUR ET DES APPAREILS TELEPHONIQUES ASSOCIES A UN RESEAU D'ENTREPRISE**
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- [73] BLACKBERRY LIMITED, CA
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[73] MESSIER-BUGATTI-DOWTY, FR

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[54] **TIMBRE ET TAMPON ENCREUR POUR UN TIMBRE AUTOENCREUR**

[72] ZINDL, PETER, AT

[72] ZEHEITNER, MARKUS, AT

[72] MARTIN, VOLKER, AT

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[72] SANDHU, HARPREET K., US

[72] SHAH, NAVNIT HARGOVINDAS, US

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[54] **SECHEUSE APPAREIL ET METHODE POUR SECHER LE LINGE**

[72] RIDDLE, DOUGLAS ALLEN, US

[72] HAMEED, ZUBAIR, US

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[73] FIRST QUALITY BABY PRODUCTS, LLC, US
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[54] **PROCEDE DE CODAGE D'IMAGES A VUES MULTIPLES, PROCEDE DE DECODAGE D'IMAGES A VUES MULTIPLES, DISPOSITIF DE CODAGE D'IMAGES A VUES MULTIPLES, DISPOSITIF DE DECODAGE D'IMAGES A VUES MULTIPLES, PROGRAMME DE CODAGE D'IMAGES A VUES MULTIPLES ET PROGRAMME DE DECODAGE D'IMAGES A VUES MULTIPLES**
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[54] **POLYMERES EN FORME D'ETOILE A LIAISONS MULTIPLES ET LEURS PROCEDES DE SYNTHESE**
[72] LEE, BRUCE P., US
[72] SILVARY, SUNIL., US
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[73] KNC NER ACQUISITION SUB, INC., US
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[54] **TIRE SPRAY COLLECTING ASSEMBLY FOR TRUCKS AND TRAILERS**
[54] **DISPOSITIF COLLECTEUR POUR LES ECLABOUSSURES DE PNEUS DE CAMIONS ET REMORQUES**
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[54] **ENSEMBLE PUIITS D'ALIMENTATION POUR EPAISSISSANT/CLARIFICATEUR PRESENTANT UNE ROTATION D'ALIMENTATION**
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[72] FINCHAM, LAWRENCE R., US
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[72] BLUE, MARK E., US
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[54] **ENSEMBLE SEUIL DE PORTE
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[72] VAN CAMP, BRENT, US
[72] KROCHMAL, ANDREW, US
[73] ENDURA PRODUCTS, INC., US
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[72] HIEUFT, MATTHEW A., CA
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[73] UNIVERSITY OF NORTH
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EMPLOYING AN IMPERMEABLE
TRANSFER BELT**
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[73] ECHOSTAR TECHNOLOGIES LLC,
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[54] **METHOD FOR ACTUATING A
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[54] **METHODE POUR ACTIONNER
PAR COMMANDE
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[54] **SYSTEMES DE DETECTION DE FUITE ET DE PROTECTION DE SCCELLEMENT RADIAL DE TETE DE COMMANDE PIVOTANTE**

[72] BAILEY, THOMAS F., US
[72] CHAMBERS, JAMES W., US
[72] HANNEGAN, DON M., US
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[73] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **METHODE DE PRODUCTION D'UN DERIVE D'ACIDE G-AMINE BICYCLIQUE**

[72] KITAGAWA, YUTAKA, JP
[72] IMAI, MAKOTO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **COMPOSE CYCLIQUE AYANT UN GROUPE PHENYLE SUBSTITUE**

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[72] NAKAJIMA, KATSUYOSHI, JP
[72] AOKI, KAZUMASA, JP
[72] TANAKA, RYOICHI, JP
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[54] **APPAREIL ET PROCEDES DE GESTION DE LA STABILITE D'UN EQUIPEMENT**

[72] LUCAS, BRUCE C., US
[72] WEIGHTMAN, GLENN H., US
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEME ET PROCEDE DE REGLAGE DYNAMIQUE DU CENTRE DE GRAVITE D'UN APPAREIL DE PERFORATION**

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[72] NOVAK, ALLISON E., US
[72] BURLESON, JOHN D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] SAEGUSA, TADAAKI, JP
[72] ISHII, MAYU, JP
[73] AJINOMOTO CO., INC., JP
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[54] **DETECTION DE SPHERE ET SELECTION DE DEBIT POUR TRANSMISSION MIMO**
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[72] WALLACE, MARK S., US
[72] HOWARD, STEVEN J., US
[73] QUALCOMM INCORPORATED, US
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[54] **FLUIDE DE FRACTURATION DE TYPE <<SLICKWATER>>**
[72] PIERCE, RONALD, CA
[72] BOBIER, DWIGHT, CA
[73] CALFRAC WELL SERVICES LTD., CA
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[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE LA PERMEABILITE D'UNE FORMATION SOUTERRAINE**
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[72] BOBIER, DWIGHT, CA
[73] CALFRAC WELL SERVICES LTD., CA
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[54] **TUBE ISOLE PRECONTRAIINT**
[72] PAN, YAOQING, CN
[72] WU, YONGNING, CN
[72] ZHU, JINLI, CN
[72] ZHANG, XIAOHUI, CN
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[72] XU, ZHENYU, CN
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[54] **FUSEE D'ESSIEU FORMEE AVEC PRECISION ET ENSEMBLE D'EXTREMITE DE ROUE POUR VEHICULES UTILITAIRES LOURDS**

[72] WHITE, JAY, US

[72] MORRIS, JEFFREY, US

[72] HESTER, DONALD, US

[73] HENDRICKSON USA, L.L.C., US

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[87] (WO2010/138827)

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[11] 2,763,992
[13] C

[51] Int.Cl. B60N 2/28 (2006.01) A47D 13/02 (2006.01)

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[54] **CHILD SAFETY SEAT ASSEMBLY**

[54] **SIEGE DE SECURITE POUR ENFANT**

[72] WILLIAMS, BRUCE L., US

[72] SELLERS, GREGORY S., US

[72] SAINT, NATHANIEL, US

[72] GILLET, SHARON A., US

[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK

[86] (2763992)

[87] (2763992)

[22] 2012-01-10

[30] US (61/461,410) 2011-01-18

[11] 2,764,791
[13] C

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[25] EN

[54] **GOLF SIMULATION APPARATUS AND METHOD FOR THE SAME**

[54] **APPAREIL ET PROCEDE DE SIMULATION DE GOLF**

[72] KIM, PIL JOO, KR

[72] JEONG, JOO MYUNG, KR

[72] OK, JAE YOON, KR

[73] GOLFZON CO., LTD., KR

[85] 2011-12-07

[86] 2010-06-30 (PCT/KR2010/004247)

[87] (WO2011/002225)

[30] KR (10-2009-0059230) 2009-06-30

[30] KR (10-2009-0059231) 2009-06-30

[30] KR (10-2009-0059232) 2009-06-30

[11] 2,765,416
[13] C

[51] Int.Cl. G01B 9/02 (2006.01) G11B 20/24 (2006.01) H03G 3/32 (2006.01)

[25] EN

[54] **INTENSITY NOISE REDUCTION METHODS AND APPARATUS FOR INTERFEROMETRIC SENSING AND IMAGING SYSTEMS**

[54] **PROCEDES DE REDUCTION DU BRUIT DE FLUCTUATION D'INTENSITE ET APPAREIL DE DETECTION INTERFEROMETRIQUE ET SYSTEMES D'IMAGERIE**

[72] SCHMITT, JOSEPH M., US

[72] GRINBERG, VICTOR, US

[73] LIGHTLAB IMAGING, INC., US

[85] 2011-12-13

[86] 2011-03-17 (PCT/US2011/028826)

[87] (WO2011/116196)

[30] US (61/314,759) 2010-03-17

[11] 2,766,076
[13] C

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[25] EN

[54] **OUTBOARD MOTOR CONTROL APPARATUS**

[54] **APPAREIL DE COMMANDE POUR MOTEUR HORS-BORD**

[72] KURIYAGAWA, KOJI, JP

[72] YAMAMOTO, HIROSHI, JP

[73] HONDA MOTOR CO., LTD., JP

[86] (2766076)

[87] (2766076)

[22] 2012-01-20

[30] JP (2011-031192) 2011-02-16

[30] JP (2011-031193) 2011-02-16

[30] JP (2011-031194) 2011-02-16

[11] 2,766,613
[13] C

[51] Int.Cl. H01R 24/40 (2011.01) H01R 13/639 (2006.01)

[25] EN

[54] **CABLE CONNECTOR WITH BIASING ELEMENT**

[54] **CONNECTEUR DE CABLE EQUIPE D'UN ELEMENT DE POLARISATION**

[72] RODRIGUES, JULIO F., US

[72] MAGNO, JOEY D., JR., US

[72] PHILLIPS, ROGER, US

[73] BELDEN INC., US

[86] (2766613)

[87] (2766613)

[22] 2012-02-06

[30] US (13/023,102) 2011-02-08

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[13] C

[51] Int.Cl. F16H 3/083 (2006.01) F16H 3/08 (2006.01)

[25] EN

[54] **MULTISTAGE TRANSMISSION**

[54] **TRANSMISSION A PLUSIEURS ETAGES**

[72] MATSUMOTO, SHINYA, JP

[72] MIYAZAKI, JUN, JP

[73] HONDA MOTOR CO., LTD., JP

[85] 2012-01-09

[86] 2010-07-30 (PCT/JP2010/062882)

[87] (WO2011/016396)

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[25] EN

[54] **HOT SIEVING ELECTROSTATIC PRECIPITATOR**

[54] **DEPOUSSIÈREUR ÉLECTRIQUE À CRIBLAGE À CHAUD**

[72] ZANGANEH, KOUROSH, CA

[72] KHAN, ZAHIRUL HASAN, CA

[72] SALVADOR, CARLOS, CA

[72] JENSEN, JACK, CA

[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA

[85] 2012-01-09

[86] 2010-07-16 (PCT/CA2010/001127)

[87] (WO2011/006262)

[30] CA (2,673,053) 2009-07-17

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[13] C

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[25] EN

[54] **LOW NOISE BATTERY**

[54] **BATTERIE À FAIBLE BRUIT**

[72] SCHYNDEL, ANDRE JOHN VAN, CA

[73] BLACKBERRY LIMITED, CA

[85] 2012-01-17

[86] 2009-11-04 (PCT/CA2009/001598)

[87] (WO2011/009190)

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[11] 2,769,425
[13] C

[51] **Int.Cl. C11D 1/22 (2006.01) C11D 3/30 (2006.01)**

[25] EN

[54] **DETERGENT COMPOSITION COMPRISING HIGH 2-PHENYL LINEAR ALKYL BENZENE SULPHONATE**

[54] **COMPOSITION DÉTÉRGENTE COMPORTANT DE L'ALKYLBENZÈNE SULFONATE LINÉAIRE À TENEUR ÉLEVÉE EN 2-PHÉNYLE**

[72] COURCHAY, FLORENCE CATHERINE, BE

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2012-01-27

[86] 2010-09-08 (PCT/US2010/048048)

[87] (WO2011/031702)

[30] EP (09170174.8) 2009-09-14

[11] 2,769,440
[13] C

[51] **Int.Cl. C11D 1/83 (2006.01) C11D 1/29 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 3/44 (2006.01) C11D 11/00 (2006.01) C11D 17/00 (2006.01) D06F 35/00 (2006.01)**

[25] EN

[54] **COMPACT FLUID LAUNDRY DETERGENT COMPOSITION**

[54] **COMPOSITION DÉTÉRGENTE POUR LE LINGE, FLUIDE ET COMPACTE**

[72] BOUTIQUE, JEAN-POL, BE

[72] VANDENBERGHE, FREDERIK, BE

[72] BOUILLICHE, MYRIAM, BE

[72] BURCKETT-ST. LAURENT, JAMES CHARLES THEOPHILE ROGER, BE

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2012-01-27

[86] 2010-09-14 (PCT/US2010/048742)

[87] (WO2011/032138)

[30] US (61/242,140) 2009-09-14

[11] 2,769,857
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[51] **Int.Cl. A61M 5/142 (2006.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01) A61M 5/14 (2006.01) A61M 5/145 (2006.01)**

[25] EN

[54] **RESERVOIR BARRIER LAYER SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCÉDES DE COUCHE DE BARRIÈRE DE RÉSERVOIR**

[72] CHONG, COLIN A., US

[72] LORENZEN, ERIC M., US

[72] BIKOVSKY, RAFAEL, US

[72] LUAN, TRUONG GIA, US

[72] IBRANYAN, ARSEN, US

[73] MEDTRONIC MINIMED, INC., US

[85] 2012-02-01

[86] 2010-08-24 (PCT/US2010/046530)

[87] (WO2011/031458)

[30] US (12/547,315) 2009-08-25

[11] 2,770,210
[13] C

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[25] EN

[54] **CONTROLLING COAL FINES IN COAL BED OPERATIONS**

[54] **COMMANDE DE FINES DE CHARBON DANS DES OPERATIONS À LIT DE CHARBON**

[72] HUANG, TIANPING, US

[72] CREWS, JAMES B., US

[72] GABRYSCH, ALLEN D., US

[72] JEFFREY, RICK M., US

[73] BAKER HUGHES INCORPORATED, US

[85] 2012-02-03

[86] 2010-08-24 (PCT/US2010/046459)

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[25] EN
[54] **MEDICAL DEVICE SYSTEM**
[54] **SYSTEME COMPRENANT UN**
DISPOSITIF MEDICAL
[72] FATHALLAH, MARWAN, US
[72] ZIEGLER, JOHN S., US
[72] BAKKEN, TODD J., US
[72] LEE, DANIEL J., US
[73] HOSPIRA, INC., US
[86] (2771870)
[87] (2771870)
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[30] US (10/696,830) 2003-10-30
[30] US (10/823,220) 2004-04-13

[11] 2,771,894
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E04G 11/08 (2006.01)
[25] EN
[54] **CONCRETE SIDEFORM SYSTEM**
[54] **SYSTEME DE COFFRAGE**
LATERAL POUR BETON
[72] SLADOJEVIC, ROBERT RADOVAN, AU
[72] GIROTTI, STEVEN, AU
[72] DELEON, CRAIG, AU
[73] SRB CONSTRUCTION
TECHNOLOGIES PTY LTD., AU
[86] (2771894)
[87] (2771894)
[22] 2005-05-24
[62] 2,566,706
[30] AU (2004/902767) 2004-05-24

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A23K 1/16 (2006.01)
[25] EN
[54] **ANTIMICROBIAL**
FORMULATION
[54] **FORMULATION**
ANTIMICROBIENNE
[72] PIMENTEL, JULIO, US
[73] ANITOX CORPORATION, US
[85] 2012-02-23
[86] 2011-08-13 (PCT/US2011/047693)
[87] (WO2012/027140)
[30] US (61/377,819) 2010-08-27

[11] 2,773,041
[13] C

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[25] EN
[54] **INTRACORPOREAL DEVICE FOR**
MOVING TISSUE
[54] **DISPOSITIF INTRA - CORPOREL**
POUR LE DEPLACEMENT DE
TISSUS
[72] SOUBEIRAN, ARNAUD, FR
[73] SOUBEIRAN, ARNAUD, FR
[85] 2012-03-01
[86] 2010-09-07 (PCT/FR2010/000608)
[87] (WO2011/030015)
[30] FR (09/04306) 2009-09-09

[11] 2,773,718
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F25J 3/00 (2006.01)
[25] EN
[54] **INTEGRATED ENHANCED OIL**
RECOVERY PROCESS
[54] **PROCEDE INTEGRE AMELIORE**
DE COLLECTE
D'HYDROCARBURES
[72] RAMAN, PATTABHI
KOTHANDAPANI, US
[73] GREATPOINT ENERGY, INC., US
[85] 2012-03-08
[86] 2010-10-18 (PCT/US2010/053027)
[87] (WO2011/049858)
[30] US (61/252,936) 2009-10-19

[11] 2,774,825
[13] C

- [51] **Int.Cl. G09F 3/02 (2006.01) G09F 3/14**
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[25] EN
[54] **MERCHANDISE LABELING**
[54] **ETIQUETAGE DE**
MARCHANDISES
[72] LUDLOW, ROBERT B., US
[72] LINQUIST, JOHN B., US
[72] O'DONNELL, COLIN M., US
[72] KORPELA, RYAN M., US
[73] BEDFORD INDUSTRIES, INC., US
[86] (2774825)
[87] (2774825)
[22] 2004-09-29
[62] 2,483,147
[30] US (60/542,153) 2004-02-04
[30] US (10/895,177) 2004-07-20

[11] 2,775,080
[13] C

- [51] **Int.Cl. H04W 74/04 (2009.01) H04W**
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[25] EN
[54] **METHOD AND SYSTEM FOR**
ANNOUNCEMENT TIME OF IDLE
TIMEOUT FOR POWER SAVING
OPERATIONS IN WIRELESS
NETWORKS
[54] **PROCEDE ET SYSTEME DE**
TEMPS D'ANNONCE DE
TEMPORISATION DU MODE
INACTIF POUR FONCTIONNER
EN ECONOMIE D'ENERGIE DANS
DES RESEAUX SANS FIL
[72] HSU, JU-LAN, US
[72] NGO, CHIU, US
[72] SHAO, HUAI-RONG, US
[73] SAMSUNG ELECTRONICS CO.,
LTD., KR
[85] 2012-03-22
[86] 2010-09-20 (PCT/KR2010/006499)
[87] (WO2011/037405)
[30] US (61/244,782) 2009-09-22
[30] US (12/885,351) 2010-09-17

[11] 2,775,758
[13] C

- [51] **Int.Cl. F16L 23/08 (2006.01) F16L**
17/02 (2006.01) F16L 19/08 (2006.01)
[25] EN
[54] **PIPE COUPLING HAVING**
MOVABLE GRIPPING BODIES
[54] **COUPLAGE DE TUYAU MUNI DE**
CORPS DE SERRAGE MOBILES
[72] DOLE, DOUGLAS R., US
[72] PORTER, MICHAEL V., US
[72] SIPOS, TORREY G., US
[73] VICTAULIC COMPANY, US
[86] (2775758)
[87] (2775758)
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[62] 2,686,708
[30] US (60/938,003) 2007-05-15

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[13] C

[51] **Int.Cl. G11B 20/18 (2006.01) G11B 7/0037 (2006.01) G11B 20/12 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANAGING DISC DEFECT AND DISC THEREFOR**

[54] **PROCEDE ET DISPOSITIF SERVANT A GERER UN DEFAUT DE DISQUE ET DISQUE CORRESPONDANT**

[72] LEE, KYUNG-GEUN, KR
[72] KO, JUNG-WAN, KR
[72] HWANG, SUNG-HEE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2775767)
[87] (2775767)
[22] 2004-02-27
[62] 2,498,389
[30] KR (10-2003-0012953) 2003-03-03
[30] KR (10-2003-0016495) 2003-03-17
[30] KR (10-2004-0005640) 2004-01-29

[11] 2,776,158
[13] C

[51] **Int.Cl. E21B 29/06 (2006.01) E21B 7/08 (2006.01) E21B 10/32 (2006.01)**

[25] EN

[54] **WELLBORE MILLING TOOL WITH WEAR PAD**

[54] **OUTIL DE FRAISAGE DESTINE A PRATIQUER DES OUVERTURES DANS DES OBSTRUCTIONS DE PUIITS DE FORAGE**

[72] GUIDRY, CHRISTOPHER W., US
[72] NAVIN, GURUSWAMI, US
[72] JOPPE, LAMBERTUS C.F., AE
[72] PONDER, ANDREW DAVID, US
[72] STOWE, CALVIN JOSEPH, II, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-03-29
[86] 2010-10-01 (PCT/US2010/051134)
[87] (WO2011/041685)
[30] US (61/247,928) 2009-10-01

[11] 2,776,396
[13] C

[51] **Int.Cl. E21B 43/20 (2006.01) C09K 8/584 (2006.01) C09K 8/594 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **METHODS FOR RECOVERING OIL FROM AN OIL RESERVOIR**

[54] **PROCEDE PERMETTANT DE RECUPERER DU PETROLE A PARTIR D'UN RESERVOIR DE PETROLE**

[72] DAHANAYAKE, MANILAL S., US
[72] LANGLOIS, BRUNO, FR
[72] DERIAN, PAUL-JOEL, FR
[73] RHODIA OPERATIONS, FR
[86] (2776396)
[87] (2776396)
[22] 2006-11-06
[62] 2,630,032
[30] US (11/280,896) 2005-11-16

[11] 2,777,608
[13] C

[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01) A61M 16/16 (2006.01)**

[25] EN

[54] **BREATHING ASSISTANCE APPARATUS**

[54] **APPAREIL RESPIRATOIRE**

[72] WHITE, CRAIG KARL, NZ
[72] VAN BEURDEN, JASON PETER, NZ
[72] O'DONNELL, KEVIN PETER, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[86] (2777608)
[87] (2777608)
[22] 2004-05-28
[62] 2,469,117
[30] NZ (526362) 2003-05-30

[11] 2,778,108
[13] C

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) C01B 31/20 (2006.01) F01D 17/00 (2006.01) F01K 17/02 (2006.01) F23J 15/00 (2006.01)**

[25] EN

[54] **CARBON DIOXIDE RECOVERY SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE RECUPERATION LE DIOXYDE DE CARBONE**

[72] IJIMA, MASAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2012-04-17
[86] 2010-12-17 (PCT/JP2010/072813)
[87] (WO2011/081040)
[30] JP (2009-298373) 2009-12-28

[11] 2,778,257
[13] C

[51] **Int.Cl. C11D 3/395 (2006.01) C11D 3/39 (2006.01) C11D 11/00 (2006.01)**

[25] EN

[54] **CLEANING METHOD**

[54] **PROCEDE DE NETTOYAGE**

[72] DE BUZZACCARINI, FRANCESCO, BE
[72] CEULEMANS, RAPHAEL
ANGELINE ALFONS, BE
[72] OFFSHACK, EDWARD ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-04-19
[86] 2010-11-11 (PCT/US2010/056286)
[87] (WO2011/060109)
[30] US (61/260,114) 2009-11-11

[11] 2,779,638
[13] C

[51] **Int.Cl. B32B 7/12 (2006.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01)**

[25] EN

[54] **MULTI-LAYER OPAQUE FILMS, ARTICLES INCLUDING SUCH FILMS, AND USES THEREOF**

[54] **FILMS OPAQUES MULTICOUCHES, ARTICLES COMPRENANT DE TELS FILMS ET LEURS UTILISATIONS**

[72] LERNOUX, ETIENNE RENE HENRI, FR
[72] SARRAZIN, JEROME, BE
[73] JINDAL FILMS AMERICAS LLC, US
[85] 2012-04-27
[86] 2010-11-24 (PCT/US2010/057934)
[87] (WO2011/068728)
[30] EP (09177934.8) 2009-12-03

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[13] C

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[25] EN

[54] **TOP DRIVE DRILLING SYSTEM AND OTHER APPLICATIONS USING A LOW SPEED DIRECT DRIVE AC MOTOR**

[54] **SYSTEME DE FORAGE A TRANSMISSION SUPERIEURE ET AUTRES APPLICATIONS UTILISANT UN MOTEUR A COURANT ALTERNATIF A TRANSMISSION DIRECTE ET A ROTATION LENTE**

[72] WILLIAMS, KEVIN R., US

[72] HOWARD, AL., US

[72] MCNEASE, DANIEL F., US

[72] HARRIS, RUDY, US

[72] BRADLEY, RICHARD, US

[73] LETOURNEAU TECHNOLOGIES DRILLING SYSTEMS, INC., US

[86] (2780097)

[87] (2780097)

[22] 2005-10-03

[62] 2,624,311

[11] **2,780,653**
[13] C

[51] **Int.Cl. C11B 9/00 (2006.01) B08B 3/08 (2006.01) C11D 3/50 (2006.01) C11D 7/00 (2006.01)**

[25] EN

[54] **ENCAPSULATES**

[54] **COMPOSITIONS ENCAPSULEES**

[72] DENUITE, HUGO ROBERT GERMAIN, BE

[72] CLARE, JONATHAN RICHARD, GB

[72] MEDINA, JAVIER, GB

[72] CUNNINGHAM, PHILIP ANDREW, BE

[72] SMETS, JOHAN, BE

[72] ORLANDINI, LAURA, BE

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2012-05-10

[86] 2010-12-16 (PCT/US2010/060662)

[87] (WO2011/075551)

[30] US (61/287,795) 2009-12-18

[11] **2,781,709**
[13] C

[51] **Int.Cl. C11D 1/72 (2006.01) C11D 1/825 (2006.01) C11D 3/02 (2006.01) C11D 3/20 (2006.01) C11D 3/33 (2006.01)**

[25] EN

[54] **BIODEGRADABLE CLEANING COMPOSITION**

[54] **COMPOSITION NETTOYANTE BIODEGRADABLE**

[72] GESSNER, SUZANNE M., US

[72] KERBO, CHARLES O., US

[72] PATTERSON, SONIA J., US

[73] BASF SE, DE

[85] 2012-05-23

[86] 2010-11-23 (PCT/US2010/057795)

[87] (WO2011/066276)

[30] US (61/264,536) 2009-11-25

[11] **2,782,847**
[13] C

[51] **Int.Cl. A61K 47/36 (2006.01) A61K 38/18 (2006.01) A61P 19/02 (2006.01)**

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[54] **METHODS OF ADMINISTERING FGF18**

[54] **METHODES D'ADMINISTRATION DE FGF18**

[72] ELLSWORTH, JEFF L., US

[73] ZYMOGENETICS, INC., US

[86] (2782847)

[87] (2782847)

[22] 2003-10-07

[62] 2,500,742

[30] US (60/416,670) 2002-10-07

[11] **2,784,695**
[13] C

[51] **Int.Cl. H01M 8/04 (2006.01)**

[25] EN

[54] **CONTROLLING FUEL CELL**

[54] **COMMANDE POUR PILE A COMBUSTIBLE**

[72] KUMEI, HIDEYUKI, JP

[72] KATO, MANABU, JP

[72] KIMURA, KAZUTAKA, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2012-06-15

[86] 2009-12-16 (PCT/JP2009/006931)

[87] (WO2011/074034)

[11] **2,784,797**
[13] C

[51] **Int.Cl. F16H 31/00 (2006.01) F16H 3/44 (2006.01) F16H 48/24 (2006.01)**

[25] EN

[54] **SPEED CONTROLLER FOR MOTOR PREVENTING INTERFERENCE FROM REVERSE INPUT**

[54] **REGULATEUR DE VITESSE POUR MOTEUR EMPECHANT LA PRODUCTION D'INTERFERENCES DE MARCHE INVERSE**

[72] JUNG, TAE-JIN, KR

[72] YOO, HYUK, KR

[73] MBI CO., LTD., KR

[86] (2784797)

[87] (2784797)

[22] 2009-03-18

[62] 2,718,606

[30] KR (10-2008-0026273) 2008-03-21

[11] **2,786,434**
[13] C

[51] **Int.Cl. C07D 405/14 (2006.01) C07D 403/02 (2006.01) C07D 417/12 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING TETRAZOLE METHANESULFONIC ACID SALTS, AND NOVEL COMPOUND USED IN SAME**

[54] **PROCEDE POUR PREPARER DES SELS D'ACIDE TETRAZOLE-METHANESULFONIQUE, ET NOUVEAU COMPOSE UTILISE DANS CELUI-CI**

[72] BANG, KEUK CHAN, KR

[72] PARK, BUM WOO, KR

[72] CHOI, JONG WON, KR

[72] LEE, JAE CHUL, KR

[72] AN, YONG HOON, KR

[72] AHN, YOUNG GIL, KR

[72] KIM, MAENG SUP, KR

[73] HANMI SCIENCE CO., LTD., KR

[85] 2012-07-04

[86] 2011-01-14 (PCT/KR2011/000291)

[87] (WO2011/087316)

[30] KR (10-2010-0003835) 2010-01-15

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[25] EN

[54] **METHOD AND APPARATUS FOR THE SUPPLY OF DRY GASES**

[54] **METHODE ET APPAREIL D'APPROVISIONNEMENT DE GAZ SECS**

[72] WHITLEY, ROGER DEAN, US

[72] LISBIT, PASCAL, US

[72] VASSILAROS, DANIEL LOUIS, US

[72] KERR, STUART ALEXANDER, US

[73] AIR PRODUCTS AND CHEMICALS, INC., US

[86] (2786984)

[87] (2786984)

[22] 2012-08-20

[30] US (13/214,797) 2011-08-22

[11] 2,788,481
[13] C

[51] Int.Cl. B64D 31/06 (2006.01) B64D 31/10 (2006.01) B64D 37/32 (2006.01) F01D 21/02 (2006.01)

[25] FR

[54] **CONTROL PROCESS FOR EXCESS SPEED SAFETY SYSTEM, SYSTEM AND ASSOCIATED AIRCRAFT**

[54] **PROCEDE DE COMMANDE POUR SYSTEME DE SECURITE SURVITESSE, SYSTEME ET AERONEF ASSOCIE**

[72] ROSSOTTO, REGIS, FR

[72] VIEIRA, HILARIO, FR

[73] AIRBUS HELICOPTERS, FR

[86] (2788481)

[87] (2788481)

[22] 2012-08-29

[30] FR (11 02811) 2011-09-16

[11] 2,789,668
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[51] Int.Cl. H01M 10/44 (2006.01) H01M 10/42 (2006.01) H01M 10/48 (2006.01) H02J 7/04 (2006.01)

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[54] **BATTERY CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE D'ACCUMULATEUR**

[72] UEKI, TOMOYOSHI, JP

[72] OKADA, YUKIHIRO, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2012-08-10

[86] 2010-09-27 (PCT/JP2010/066684)

[87] (WO2012/042585)

[11] 2,792,296
[13] C

[51] Int.Cl. H01M 4/583 (2010.01) H01M 4/139 (2010.01) B82B 3/00 (2006.01) H01M 4/48 (2010.01) H01M 4/58 (2010.01)

[25] EN

[54] **A COMPOSITE COMPRISING AN ELECTRODE-ACTIVE TRANSITION METAL COMPOUND AND A FIBROUS CARBON MATERIAL, AND A METHOD FOR PREPARING THE SAME**

[54] **COMPOSITE A BASE D'UN COMPOSE CONTENANT UN METAL DE TRANSITION ACTIF COMME ELECTRODE ET D'UN MATERIAU CARBONE FIBREUX, ET SON PROCEDE DE PREPARATION**

[72] PARK, SEI UNG, KR

[72] LEE, DONG SUEK, KR

[72] RYU, JU SUK, KR

[72] LIM, SEONG JAE, KR

[72] OH, SI JIN, KR

[73] HANWHA CHEMICAL CORPORATION, KR

[85] 2012-09-05

[86] 2011-12-19 (PCT/KR2011/009774)

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[30] KR (10-2010-0132466) 2010-12-22

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[25] EN

[54] **APPARATUS FOR COMPRESSION OF A STACK AND FOR A WATER TREATMENT SYSTEM**

[54] **APPAREIL DE COMPRESSION DES ELEMENTS D'UNE PILE ET POUR SYSTEME DE TRAITEMENT DES EAUX**

[72] SPARROW, BENJAMIN STUART, CA

[72] ZOSHI, JOSHUA ANIKET, CA

[72] TANG, JAMES HING BONG, CA

[72] KIM, KYUNGBAEK, CA

[73] SALTWORKS TECHNOLOGIES INC., CA

[86] (2792516)

[87] (2792516)

[22] 2012-10-17

[11] 2,793,208
[13] C

[51] Int.Cl. H02G 3/16 (2006.01) H01R 4/26 (2006.01) H01R 4/66 (2006.01) H01R 4/28 (2006.01)

[25] EN

[54] **ELECTRICAL OUTLET BOX WITH AN L-SHAPED GROUND STRAP CONNECTED THERETO**

[54] **BOITE DE PRISE ELECTRIQUE MUNIE D'UNE TRESSE DE MISE A LA TERRE EN FORME DE "L" RELIEE A LADITE BOITE**

[72] MANN, JAGJIWAN SINGH, CA

[73] ORTECH INDUSTRIES INC., CA

[86] (2793208)

[87] (2793208)

[22] 2011-10-31

[62] 2,757,124

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[11] **2,793,301**
[13] C

[51] **Int.Cl. H02G 3/16 (2006.01) H01R 4/26 (2006.01) H01R 4/28 (2006.01) H01R 4/66 (2006.01)**

[25] EN

[54] **ELECTRICAL OUTLET BOX WITH AN L-SHAPED GROUND STRAP CONNECTED THERETO**

[54] **BOÎTE DE PRISE ÉLECTRIQUE MUNIE D'UNE TRESSE DE MISE A LA TERRE EN FORME DE "L" RELIÉE A LADITE BOÎTE**

[72] MANN, JAGJIVAN SINGH, CA

[73] ORTECH INDUSTRIES INC., CA

[86] (2793301)

[87] (2793301)

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[62] 2,757,124

[11] **2,793,844**
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[25] EN

[54] **INTRAOCULAR LENS**

[54] **LENTILLE INTRA-OCULAIRE**

[72] RICHARDSON, GARY A., US

[73] BAUSCH & LOMB INCORPORATED, US

[85] 2012-09-20

[86] 2011-03-10 (PCT/US2011/027861)

[87] (WO2011/123224)

[30] US (12/752,466) 2010-04-01

[11] **2,794,736**
[13] C

[51] **Int.Cl. H04B 1/10 (2006.01) H04B 17/00 (2006.01)**

[25] EN

[54] **SIMULATED DEGRADATION OF SNR IN DECODED DIGITAL AUDIO CORRELATED TO WIRELESS LINK BIT-ERROR RATE**

[54] **DEGRADATION SIMULÉE DU RAPPORT S/B DANS SIGNAL AUDIO NUMÉRIQUE DÉCODE CORRÉLÉ AU TAUX D'ERREUR BINAIRE DE LIAISON SANS FIL**

[72] JASTRAM, ROBERT, US

[72] WENDLER, JOHN P., US

[73] HARRIS CORPORATION, US

[85] 2012-09-27

[86] 2011-03-16 (PCT/US2011/028582)

[87] (WO2011/126685)

[30] US (12/757,353) 2010-04-09

[11] **2,795,006**
[13] C

[51] **Int.Cl. C07D 473/34 (2006.01) A61K 31/52 (2006.01) A61P 25/06 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **PURINE COMPOUNDS USED AS CB2 AGONISTS**

[54] **COMPOSES DE PURINE UTILISÉS COMME AGONISTES DE CB2**

[72] HOLLINSHEAD, SEAN PATRICK, US

[73] ELI LILLY AND COMPANY, US

[85] 2012-09-28

[86] 2011-03-30 (PCT/US2011/030412)

[87] (WO2011/123482)

[30] US (61/319,532) 2010-03-31

[11] **2,797,508**
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[51] **Int.Cl. E21B 33/122 (2006.01) E21B 33/129 (2006.01)**

[25] EN

[54] **SELECTIVE SET MODULE FOR MULTI STRING PACKERS**

[54] **MODULE SELECTIF POUR GARNITURES MULTIPLES**

[72] HATHCOAT, JOE BUTLER, US

[72] NGUYEN, TRI THIEN, US

[72] MACHALA, ANTHONY CHARLES, US

[73] WEATHERFORD/LAMB, INC., US

[86] (2797508)

[87] (2797508)

[22] 2012-12-05

[30] US (13/313,603) 2011-12-07

[11] **2,801,629**
[13] C

[51] **Int.Cl. C23C 14/32 (2006.01)**

[25] EN

[54] **ARC EVAPORATION SOURCE HAVING FAST FILM-FORMING SPEED, COATING FILM MANUFACTURING METHOD AND FILM FORMATION APPARATUS USING THE ARC EVAPORATION SOURCE**

[54] **SOURCE D'ÉVAPORATION PAR ARC PRÉSENTANT UNE GRANDE VITESSE DE FORMATION DE FILM, DISPOSITIF FILMOGÈNE ET PROCÉDE DE FABRICATION D'UNE PELLICULE PROTECTRICE AU MOYEN DE LA SOURCE D'ÉVAPORATION PAR ARC**

[72] TANIFUJI, SHINICHI, JP

[72] YAMAMOTO, KENJI, JP

[72] NOMURA, HOMARE, JP

[72] KUROKAWA, YOSHINORI, JP

[72] GOTO, NAOYUKI, JP

[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP

[85] 2012-12-04

[86] 2011-06-15 (PCT/JP2011/003403)

[87] (WO2011/161903)

[30] JP (2010-142614) 2010-06-23

[30] JP (2010-201946) 2010-09-09

[11] **2,807,047**
[13] C

[51] **Int.Cl. A22C 21/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR COMPLETELY REMOVING AT LEAST A PART OF THE BREAST CARTILAGE FROM A POULTRY CARCASS THAT IS FREE OF BREAST MEAT**

[54] **DISPOSITIF ET PROCÉDE DESTINÉ À DÉTACHER INTÉGRALEMENT AU MOINS UNE PARTIE DU CARTILAGE DE POITRINE À PARTIR D'UNE CARCASSE DE VOLAILLE LIBÉRÉE DE SON BLANC**

[72] LANDT, ANDREAS, DE

[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE

[85] 2013-01-29

[86] 2011-08-23 (PCT/EP2011/064484)

[87] (WO2012/041610)

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[51] **Int.Cl. B61F 5/22 (2006.01) B61F 5/10 (2006.01) B60G 99/00 (2010.01)**
[25] EN
[54] **VEHICLE BODY TILTING DEVICE AND VEHICLE BODY TILTING METHOD FOR RAIL VEHICLE**
[54] **DISPOSITIF D'INCLINAISON DE CARROSSERIE DE VEHICULE POUR VEHICULE FERROVIAIRE**
[72] SHINMURA, HIROSHI, JP
[72] HAYASHI, TETSUYA, JP
[72] MIHARA, TAKEYOSHI, JP
[72] KAMIKAWA, NAOHIDE, JP
[73] NIPPON SHARYO, LTD., JP
[85] 2013-01-31
[86] 2010-10-15 (PCT/JP2010/068170)
[87] (WO2012/049769)

[11] **2,809,298**
[13] C

[51] **Int.Cl. F02D 19/06 (2006.01) F01L 1/34 (2006.01) F02D 13/02 (2006.01) F02D 41/34 (2006.01) F02D 41/40 (2006.01)**
[25] EN
[54] **FUEL INJECTOR TEMPERATURE MITIGATION**
[54] **ATTENUATION DE TEMPERATURE D'INJECTEUR DE CARBURANT**
[72] WU, NING, CA
[72] DUNN, MARK E., CA
[73] WESTPORT POWER INC., CA
[86] (2809298)
[87] (2809298)
[22] 2013-03-12

[11] **2,809,539**
[13] C

[51] **Int.Cl. F02D 19/06 (2006.01) F02D 19/10 (2006.01) F02D 41/30 (2006.01) F02D 43/00 (2006.01) F02M 21/02 (2006.01)**
[25] EN
[54] **PREVENTING FUEL REGULATION FAILURE**
[54] **PREVENTION D'ECHEC DE REGULATION DU CARBURANT**
[72] TOUCHETTE, ALAIN M., CA
[72] WALKER, JAMES D., GB
[72] HAAS, JORDON C., CA
[73] WESTPORT POWER INC., CA
[86] (2809539)
[87] (2809539)
[22] 2013-03-15

[11] **2,810,485**
[13] C

[51] **Int.Cl. B22D 11/12 (2006.01) B22D 23/00 (2006.01)**
[25] EN
[54] **FREE CASTING METHOD, FREE CASTING APPARATUS, AND CASTING**
[54] **PROCEDE DE COULEE LIBRE, APPAREIL DE COULEE LIBRE, ET PIECE COULEE**
[72] YAOKAWA, JUN, JP
[72] IWATA, YASUSHI, JP
[72] SUGIYAMA, YOSHIO, JP
[72] IWAHORI, HIROAKI, JP
[72] AMANO, NORIHIRO, JP
[72] UENO, NORIYUKI, JP
[72] KOBAYASHI, TAKEHITO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2013-03-05
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[30] JP (2010-209761) 2010-09-17

[11] **2,812,432**
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[25] EN
[54] **METHODS FOR THE SYNTHESIS OF 13C LABELED DHA AND USE AS A REFERENCE STANDARD**
[54] **METHODES POUR LA SYNTHESE D'ADH 13C ET UTILISATION COMME NORME DE REFERENCE**
[72] KHAN, M. AMIN, US
[72] WOOD, PAUL L., US
[72] GOODENOWE, DAYAN, CA
[73] PHENOMENOME DISCOVERIES INC., CA
[85] 2013-04-12
[86] 2012-11-16 (PCT/CA2012/001053)
[87] (2812432)
[30] US (61/561,225) 2011-11-17

[11] **2,814,265**
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[25] EN
[54] **DUAL CURTAIN CLOSURE SYSTEM HAVING UNI-DIRECTIONAL SECURING HOOKS**
[54] **SYSTEME DE FERMETURE DE RIDEAU DOUBLE A CROCHETS DE FIXATION UNIDIRECTIONNELS**
[72] CRIDER, GRANT W., US
[73] CRIDER, GRANT W., US
[86] (2814265)
[87] (2814265)
[22] 2013-05-07

[11] **2,814,829**
[13] C

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[25] EN
[54] **LOCATION AWARE DATA NETWORK**
[54] **RESEAU DE DONNEES INFORMES DE LA LOCALISATION**
[72] ROESE, JOHN J., US
[72] GRAHAM, RICHARD W., US
[72] GORSKY, JOHN-PAUL, US
[72] HARRINGTON, DAVID, US
[72] FRATTURA, DAVID, US
[72] DURAND, ROGER P., US
[72] FEE, BRENDAN J., US
[72] ALLEN, ANJA A., US
[73] ENTERASYS NETWORKS, INC., US
[86] (2814829)
[87] (2814829)
[22] 2003-02-28
[62] 2,477,962
[30] US (60/361,419) 2002-03-01
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[30] US (60/361,420) 2002-03-01
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[54] **LOCKING HITCH RING**
[54] **ANNEAU D'ATTELAGE**
VERROUILLABLE
[72] OLSON, BRIAN R., CA
[73] POWER PIN INC., CA
[86] (2823001)
[87] (2823001)
[22] 2013-08-08

[11] **2,825,438**
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[51] **Int.Cl. F16H 37/06 (2006.01) F01D**
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F03D 7/00 (2006.01) F03D 9/00
(2006.01) F16H 15/10 (2006.01) H02K
7/18 (2006.01)

[25] EN
[54] **RPM CONTROLLED WIND**
POWER GENERATION SYSTEM
[54] **SYSTEME DE PRODUCTION**
D'ENERGIE EOLIENNE A
REGIME COMMANDE
[72] SMITH, DANNY J., US
[73] AIRGENESIS LLC, US
[85] 2013-08-02
[86] 2012-08-27 (PCT/US2012/052539)
[87] (WO2013/151575)
[30] US (13/441,671) 2012-04-06

[11] **2,827,060**
[13] C

[51] **Int.Cl. E21B 36/00 (2006.01) C09K**
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[25] EN
[54] **LOGGING SYSTEM AND**
METHODOLOGY
[54] **SYSTEME ET METHODOLOGIE**
DE DIAGRAPHIE
[72] HAMMAMI, AHMED, CA
[72] YAKIMOSKI, TODD, CA
[72] CRASTER, BERNADETTE, GB
[72] PEARSON, JOHN RICHARD
ANTHONY, GB
[73] SCHLUMBERGER CANADA
LIMITED, CA
[85] 2013-08-09
[86] 2011-02-03 (PCT/IB2011/050476)
[87] (WO2011/110957)
[30] US (12/721,375) 2010-03-10

[11] **2,827,364**
[13] C

[51] **Int.Cl. A62D 1/00 (2006.01)**
[25] EN
[54] **FIRE FIGHTING FOAM**
COMPOSITION
[54] **COMPOSITION EN MOUSSE**
POUR LA LUTTE CONTRE LE
FEU
[72] ROBINET, NICOLAS, FR
[72] SMETT, CHANTAL, FR
[73] EUROSTAR BIDCO LTD, GB
[85] 2013-09-11
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- [51] Int.Cl. A63B 59/14 (2006.01)
[25] EN
[54] **NEW HOCKEY STICK SHAFT DESIGN**
[54] **NOUVELLE CONCEPTION DE MANCHE DE BATON DE HOCKEY**
[72] GIRARDI, RAYMOND, CA
[71] GIRARDI, RAYMOND, CA
[22] 2012-10-30
[41] 2014-04-30

[21] 2,793,732

[13] A1

- [51] Int.Cl. A63B 59/14 (2006.01)
[25] EN
[54] **ADJUSTABLE HOCKEY STICK**
[54] **BATON DE HOCKEY AJUSTABLE**
[72] RUFFO, ERIC M., CA
[71] RUFFO, ERIC M., CA
[22] 2012-10-29
[41] 2014-04-29

[21] 2,793,820

[13] A1

- [51] Int.Cl. B25H 3/02 (2006.01)
[25] EN
[54] **TOOLBOX ASSEMBLY**
[54] **ENSEMBLE DE BOITE A OUTILS**
[72] GYLANDER, JODY, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[72] MARCOS, JOSEPH, CA
[71] GYLANDER, JODY, CA
[71] DNESTRIANSCHII, LUCIEN, CA
[71] MARCOS, JOSEPH, CA
[22] 2012-10-30
[41] 2014-04-30

[21] 2,794,041

[13] A1

- [51] Int.Cl. A45D 31/00 (2006.01)
[25] EN
[54] **DUST-FREE ARTIFICIAL NAIL**
[54] **ONGLE ARTIFICIEL SANS POUSSIERE**
[72] CHANG, SUNG YONG, US
[71] CHANG, SUNG YONG, US
[22] 2012-11-01
[41] 2014-05-01

[21] 2,794,051

[13] A1

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[25] EN
[54] **NEW FUSION PROTEINS FOR THE TREATMENT OF ALLERGIC DISEASES**
[54] **NOUVELLES PROTEINES FUSIONNEES POUR LE TRAITEMENT DE MALADIES ALLERGIQUES**
[72] DOOPER, MAAIKE MARIA BARBARA WILHELMINA, NO
[72] BOGEN, BJARNE, NO
[72] MYRSET, HEIDI RAGNHILD, NO
[71] VETERINAERINSTITUTTET, NO
[71] BOGEN, BJARNE, NO
[22] 2012-11-01
[41] 2014-05-01

[21] 2,794,066

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[25] EN
[54] **NOVEL GALACTOSIDE INHIBITOR OF GALECTINS**
[54] **NOUVEAUX INHIBITEURS GALACTOSIDES DE GALECTINES**
[72] HENDERSON, NEIL, GB
[72] SETHI, TARIQ, GB
[72] MACKINNON, ALISON, GB
[72] LEFFLER, HAKON, SE
[72] NILSSON, ULF, SE
[71] UNIVERSITY OF EDINBURGH AND GALECTO BIOTECH AB, GB
[22] 2012-10-31
[41] 2014-04-30

[21] 2,794,083

[13] A1

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[25] EN
[54] **WOOL DRYER BALL AND METHOD OF MANUFACTURING SAME**
[54] **BOULE DE SECHE-LINGE DE LAINE ET SON PROCEDE DE FABRICATION**
[72] LEBRUN, JENNIFER ANNE, CA
[72] SUZUKI, KOICHI, CA
[71] TALU SPECIALTY IMPORTS COMPANY LIMITED, CA
[22] 2012-10-31
[41] 2014-04-30

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[13] A1

[51] Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR IMPROVED DRILLING OPERATIONS USING REAL-TIME AND HISTORICAL DRILLING DATA

[54] PROCEDES ET SYSTEMES POUR OPERATIONS DE FORAGE AMELIOREES UTILISANT DES DONNEES DE FORAGE HISTORIQUES ET EN TEMPS REEL

[72] MARX, TRENT, CA

[72] REID, GARY WILLIAM, CA

[72] LEUNG, HENRY, CA

[72] LIU, XIAOXIANG, CA

[71] RESOURCE ENERGY SOLUTIONS INC., CA

[22] 2012-10-31

[41] 2014-04-30

[21] 2,794,101
[13] A1

[51] Int.Cl. G06F 7/00 (2006.01) G06F 17/30 (2006.01)

[25] EN

[54] RECONFIGURABLE MODEL FOR AUTO-CLASSIFICATION SYSTEM AND METHOD

[54] MODELE RECONFIGURABLE POUR SYSTEME ET PROCEDE D'AUTO-CLASSIFICATION

[72] LUDLOW, STEPHEN, CA

[72] PETTIGREW, STEVE, CA

[72] DOWGAILENKO, ALEX, CA

[72] DELIGIA, AGOSTINO, CA

[72] GIGUERE, ISABELLE, CA

[71] OPEN TEXT CORPORATION, CA

[22] 2012-10-31

[41] 2014-04-30

[21] 2,794,103
[13] A1

[51] Int.Cl. G06F 7/00 (2006.01) G06F 17/30 (2006.01)

[25] EN

[54] AUTO-CLASSIFICATION SYSTEM AND METHOD WITH DYNAMIC USER FEEDBACK

[54] SYSTEME D'AUTO-CLASSIFICATION ET PROCEDE POUR UNE RETROACTION D'UTILISATEUR DYNAMIQUE

[72] SIMARD, CHARLES-OLIVIER, CA

[72] BOWYER, ALEX, CA

[72] LECLERC, DANIEL, CA

[72] MOLLOY, STEVE, CA

[71] OPEN TEXT CORPORATION, CA

[22] 2012-10-31

[41] 2014-04-30

[21] 2,794,132
[13] A1

[51] Int.Cl. G06F 15/00 (2006.01) G06F 21/31 (2013.01) G06F 21/32 (2013.01) G06F 11/30 (2006.01)

[25] EN

[54] CONFIGURING CONFIGURATION SETTINGS USING A USER CONTEXT

[54] REGLAGE DES PARAMETRES DE CONFIGURATION AU MOYEN D'UN CONTEXTE D'UTILISATEUR

[72] RUELAS ARANA, GABRIEL, MX

[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA

[22] 2012-11-01

[41] 2014-05-01

[21] 2,794,154
[13] A1

[51] Int.Cl. G06F 9/44 (2006.01) G06F 9/45 (2006.01)

[25] EN

[54] CODE GENERATION USING DATA MARKING

[54] GENERATION DE CODE UTILISANT LE MARQUAGE DE DONNEES

[72] VASILEVSKIY, ALEXANDER, CA

[72] TIAN, YE, CA

[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA

[22] 2012-11-01

[41] 2014-05-01

[21] 2,794,205
[13] A1

[51] Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)

[25] EN

[54] IMPROVED SAGD OIL RECOVERY METHOD UTILIZING MULTI-LATERAL PRODUCTION WELLS AND/OR COMMON FLOW DIRECTION

[54] PROCEDE AMELIORE DE RECUPERATION DE PETROLE PAR DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR UTILISANT DES Puits DE PRODUCTION MULTILATERAUX OU UNE DIRECTION D'ECOULEMENT COMMUNE

[72] JORSHARI, KAMRAN R., CA

[71] HUSKY OIL OPERATIONS LIMITED, CA

[22] 2012-11-02

[41] 2014-05-02

[21] 2,794,208
[13] A1

[51] Int.Cl. G10L 13/02 (2013.01) H04W 84/18 (2009.01) G06F 17/28 (2006.01) H04M 3/42 (2006.01)

[25] EN

[54] SYSTEMS AND METHODS FOR PROVIDING TRANSLATED CONTENT

[54] SYSTEMES ET PROCEDES POUR FOURNIR UN CONTENU TRADUIT

[72] SWIST, JASON, CA

[71] SWIST, JASON, CA

[22] 2012-11-02

[41] 2014-05-02

[21] 2,794,219
[13] A1

[51] Int.Cl. F16M 13/02 (2006.01) A45B 25/00 (2006.01)

[25] EN

[54] FIXING DEVICE

[54] DISPOSITIF DE FIXATION

[72] LIU, LAUSAN, CN

[72] LIU, SHIHO, CN

[72] LIU, FIBRO, CN

[71] KEYSHEEN INDUSTRY (SHANGHAI) CO., LTD., CN

[22] 2012-11-02

[41] 2014-05-02

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[21] **2,794,220**
 [13] A1
 [51] **Int.Cl. A45C 3/00 (2006.01) A45F 5/00 (2006.01)**
 [25] EN
 [54] **TOTE APPARATUS**
 [54] **DISPOSITIF FOURRE-TOUT**
 [72] BLACKWELL, KATHI, CA
 [72] PETCOFF, LYNN, CA
 [71] BALANCED DAY BAGS INC., CA
 [22] 2012-11-02
 [41] 2014-05-02

[21] **2,794,226**
 [13] A1
 [51] **Int.Cl. A61B 8/12 (2006.01) A61B 5/06 (2006.01) A61B 8/08 (2006.01)**
 [25] EN
 [54] **AUTOMATED INTRAOPERATIVE ULTRASOUND CALIBRATION**
 [54] **CALIBRAGE D'ULTRASONS PEROPERATOIRE AUTOMATISE**
 [72] FICHTINGER, GABOR, CA
 [72] ABOLMAESUMI, PURANG, CA
 [72] BURDETTE, E. CLIF, US
 [72] CHEN, THOMAS KUIRAN, CA
 [72] LASSO, ANDRAS, CA
 [72] HEFFTER, TAMAS, CA
 [71] QUEEN'S UNIVERSITY AT KINGSTON, CA
 [22] 2012-10-31
 [41] 2014-04-30

[21] **2,794,231**
 [13] A1
 [51] **Int.Cl. A61C 19/04 (2006.01) A61B 5/103 (2006.01)**
 [25] EN
 [54] **PERIODONTAL PROBE WITH TOUCH SENSING**
 [54] **SONDE PERIODONTALE A DETECTION DE CONTACT TACTILE**
 [72] NEKTARIOS IOANNIDIS, CA
 [72] MARGARITIS, DEMETRIOS ARGYRIOS, CA
 [71] NEKTARIOS IOANNIDIS, CA
 [71] MARGARITIS, DEMETRIOS ARGYRIOS, CA
 [22] 2012-10-31
 [41] 2014-04-30

[21] **2,794,236**
 [13] A1
 [51] **Int.Cl. F01N 13/08 (2010.01) F01N 13/04 (2010.01) B60K 13/04 (2006.01)**
 [25] EN
 [54] **VEHICLE EXHAUST SYSTEM**
 [54] **SYSTEME D'ECHAPPEMENT DE VEHICULE**
 [72] POULIN, ETIENNE, CA
 [72] LACHANCE, ROBERT, CA
 [71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
 [22] 2012-10-31
 [41] 2014-04-30

[21] **2,794,368**
 [13] A1
 [51] **Int.Cl. B65D 65/46 (2006.01) A61J 1/03 (2006.01) B65D 41/04 (2006.01) B65D 53/00 (2006.01) C08L 67/04 (2006.01) C08L 83/04 (2006.01)**
 [25] EN
 [54] **BIODEGRADABLE PHARMACY CONTAINER AND SAFETY CAP**
 [54] **CONTENANT PHARMACEUTIQUE BIODEGRADABLE ET CAPUCHON DE SECURITE**
 [72] PATEL, SHANTU, US
 [71] INNOVATIVE BOTTLES LLC, US
 [22] 2012-10-30
 [41] 2014-04-30

[21] **2,794,372**
 [13] A1
 [51] **Int.Cl. C10G 1/04 (2006.01)**
 [25] EN
 [54] **OPTIMIZED CAUSTIC CONTROL BASED ON ORE GRADE AND FINES CONTENT FOR BITUMEN EXTRACTION FROM MINED OIL SANDS**
 [54] **CONTROLE DE CAUSTIQUE OPTIMISE FONDE SUR LA TENEUR DU MINERAL ET LA TENEUR EN FINES POUR L'EXTRACTION DU BITUME A PARTIR DE SABLES BITUMEUX EXPLOITES**
 [72] LONG, JUN, CA
 [71] SYNCRUDE CANADA LTD., CA
 [22] 2012-11-02
 [41] 2014-05-02

[21] **2,794,373**
 [13] A1
 [51] **Int.Cl. C10G 1/04 (2006.01)**
 [25] EN
 [54] **A PROCESS FOR RECOVERING SOLVENT FROM SPENT OIL SAND SOLIDS**
 [54] **PROCESSUS DE RECUPERATION DES SOLVANTS DES SOLIDES DE SABLES BITUMINEUX USES**
 [72] WU, XIN ALEX, CA
 [72] BHATTACHARYA, SUJIT, CA
 [71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, CA
 [22] 2012-11-02
 [41] 2014-05-02

[21] **2,794,440**
 [13] A1
 [51] **Int.Cl. F16G 11/00 (2006.01) A47G 29/00 (2006.01) B65D 59/04 (2006.01) F16L 3/08 (2006.01) H02G 3/02 (2006.01)**
 [25] EN
 [54] **CORD MANAGEMENT SLEEVE**
 [54] **MANCHON DE GESTION DE CORDON**
 [72] DONOVAN, VALERIE M.T., CA
 [72] THERIAULT, MARIO D., CA
 [71] DONOVAN, VALERIE M.T., CA
 [71] THERIAULT, MARIO D., CA
 [22] 2012-11-02
 [41] 2014-05-02

[21] **2,794,451**
 [13] A1
 [51] **Int.Cl. A47G 23/03 (2006.01) A45F 3/16 (2006.01) A47G 19/22 (2006.01) A47G 23/02 (2006.01) B65D 43/02 (2006.01) B65D 51/24 (2006.01) F16M 13/00 (2006.01)**
 [25] EN
 [54] **DUAL-PURPOSE BEVERAGE CUP APPARATUS: COMBINATION CUP LID AND CUP HOLDER**
 [54] **APPAREIL A Gobelet pour Boisson a double usage : combinaison de couvercle pour Gobelet et porte-Gobelet**
 [72] HILDERMAN, ROBERT J., CA
 [71] HILDERMAN, ROBERT J., CA
 [71] BLACKMORE, GORDON W., CA
 [22] 2012-11-01
 [41] 2014-05-01

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[13] A1

[51] Int.Cl. B44C 5/06 (2006.01) A47G 33/08 (2006.01) B44F 7/00 (2006.01) G09F 1/06 (2006.01)

[25] EN

[54] **POP-UP ORNAMENT**

[54] **ORNEMENT DEPLIABLE**

[72] BRADSTREET, BRENDA J., CA

[71] BRADSTREET, BRENDA J., CA

[22] 2012-10-31

[41] 2014-04-30

[21] 2,794,486
[13] A1

[51] Int.Cl. B60B 19/14 (2006.01) B60L 13/04 (2006.01) F16H 49/00 (2006.01) H02K 1/06 (2006.01)

[25] EN

[54] **ZEBRITA MAGNETIC DRIVEN SPHERE WHEELS**

[54] **ROUES SPHERIQUES A ENTRAINEMENT MAGNETIQUE ZEBRITA**

[72] MASON, COLIN, CA

[71] MASON, COLIN, CA

[22] 2012-11-02

[41] 2014-05-02

[21] 2,794,517
[13] A1

[51] Int.Cl. B61D 17/10 (2006.01) B61D 3/18 (2006.01)

[25] EN

[54] **FITTINGS FOR AUTORACK RAILROAD CAR**

[54] **RACCORDS POUR WAGON COUVERT A AUTOMOBILES**

[72] HEMATIAN, JAMAL, CA

[72] DUWYN, RYAN, CA

[71] NATIONAL STEEL CAR LIMITED, CA

[22] 2012-11-01

[41] 2014-05-01

[21] 2,794,584
[13] A1

[51] Int.Cl. A47L 13/20 (2006.01) B08B 13/00 (2006.01)

[25] EN

[54] **A BERM MOP**

[54] **VADROUILLE DE BERME**

[72] FASCIO, CARLO, CA

[72] RANALLI, TINA, CA

[71] FASCIO, CARLO, CA

[22] 2012-10-29

[41] 2014-04-29

[21] 2,794,590
[13] A1

[51] Int.Cl. A63B 9/00 (2006.01) A63B 22/02 (2006.01) A63B 69/00 (2006.01)

[25] EN

[54] **ROCK CLIMBING EXERCISING MACHINE**

[54] **MACHINE D'EXERCICE POUR ESCALADE**

[72] UDREA, PAUL E., CA

[71] UDREA, PAUL E., CA

[22] 2012-10-29

[41] 2014-04-29

[21] 2,794,642
[13] A1

[51] Int.Cl. B44F 9/00 (2006.01) A01G 13/02 (2006.01) A63C 19/12 (2006.01) B44C 1/18 (2006.01) B44F 9/04 (2006.01) E04H 15/00 (2006.01) E04H 15/54 (2006.01)

[25] EN

[54] **GARDEN SHELTER**

[54] **ABRI DE JARDIN**

[72] YEN, CHASON, TW

[71] MOSPEN PRODUCTS COMPANY, TW

[22] 2012-11-01

[41] 2014-05-01

[21] 2,794,668
[13] A1

[51] Int.Cl. G99Z 99/00 (2006.01) G06F 15/18 (2006.01) G06N 5/02 (2006.01)

[25] EN

[54] **METHODOLOGY AND COMPUTER SYSTEM TO CREATE ULTIMATE METHODOLOGY WHICH IS THE METHODOLOGY FOR CREATING METHODOLOGIES**

[54] **METHODOLOGIE ET SYSTEME INFORMATIQUE POUR CREER UNE METHODOLOGIE PARFAITE, SOIT LA METHODOLOGIE POUR CREER DES METHODOLOGIES**

[72] SANAEI KERMANI, ALI, CA

[71] SANAEI KERMANI, ALI, CA

[22] 2012-11-01

[41] 2014-05-01

[21] 2,794,673
[13] A1

[51] Int.Cl. F16B 43/00 (2006.01) F16B 31/00 (2006.01)

[25] EN

[54] **LOAD-RELIEF WASHER FOR THREADED FASTENERS THEREFOR**

[54] **RONDELLE DE LIMITATION DE CHARGE POUR PIECES DE FIXATION FILETEES CORRESPONDANTES**

[72] PSIMAS, MICHAEL J., US

[71] INTEGRA TECHNOLOGIES LTD., CA

[22] 2012-11-02

[41] 2014-05-02

[21] 2,794,719
[13] A1

[51] Int.Cl. A61K 38/17 (2006.01) A61P 37/06 (2006.01)

[25] EN

[54] **A METHOD FOR TREATING OR PREVENTING EITHER ONE OR BOTH OF AN INFLAMMATORY DISEASE AND AN AUTOIMMUNE DISEASE**

[54] **METHODE POUR TRAITER OU PREVENIR UNE MALADIE INFLAMMATOIRE OU UNE MALADIE AUTO-IMMUNE OU LES DEUX**

[72] BUCKEL, PETER, DE

[72] SONDERMANN, PETER, DE

[72] TILLMANN, SASCHA, DE

[72] BERGER, INGRID, DE

[71] SUPREMOL GMBH, DE

[22] 2012-10-31

[41] 2014-04-30

[21] 2,794,969
[13] A1

[51] Int.Cl. B01D 33/06 (2006.01)

[25] EN

[54] **SEPARATOR AND METHOD FOR SEPARATING A HETEROGENEOUS SUPPLY**

[54] **SEPARATEUR ET PROCEDE POUR SEPARER UNE ALIMENTATION HETEROGENE**

[72] COTE, CAMILLE, CA

[71] MACHINERIE AGRICOLE BOIS-FRANCS INC., CA

[22] 2012-11-01

[41] 2014-05-01

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[13] A1

[51] **Int.Cl. E04H 3/00 (2006.01) E04G 21/00 (2006.01) E04H 3/02 (2006.01)**
[25] EN
[54] **MULTI-DWELLING STRUCTURE**
[54] **STRUCTURE A LOGEMENTS MULTIPLES**
[72] PAONE, JOHN, CA
[72] PORTER, MARK I, CA
[72] VALE, NICHOLAS, CA
[71] PAC WEST PROPERTIES INC., CA
[22] 2012-11-02
[41] 2014-05-02

[21] 2,795,118
[13] A1

[51] **Int.Cl. B64D 47/00 (2006.01) A62C 5/033 (2006.01) A62D 1/00 (2006.01) B64D 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR MIXING FIRE FIGHTING GEL IN SITU WITHIN A WATER TANK OF A FIRE FIGHTING AIRCRAFT, AND A FIRE FIGHTING AIRCRAFT MODIFIED IN ACCORDANCE WITH THE TEACHINGS OF THE METHOD**
[54] **PROCEDE POUR MELANGER UN GEL DE LUTTE CONTRE LE FEU SUR PLACE DANS UN RESERVOIR D'EAU D'UN BOMBARDIER A EAU ET BOMBARDIER A EAU MODIFIE SELON LES ENSEIGNEMENTS DU PROCEDE**
[72] SOLOMON, RICK, CA
[71] SOLOMON, RICK, CA
[22] 2012-11-02
[41] 2014-05-02

[21] 2,795,469
[13] A1

[51] **Int.Cl. H04W 36/24 (2009.01) H04W 36/08 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC NETWORK ASSOCIATION**
[54] **SYSTEMES ET PROCEDES POUR ASSOCIATION DE RESEAU DYNAMIQUE**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2012-11-02
[41] 2014-05-02

[21] 2,795,624
[13] A1

[51] **Int.Cl. B65G 1/16 (2006.01) B65G 3/00 (2006.01) B66C 13/18 (2006.01) B66C 13/48 (2006.01) B66C 17/06 (2006.01)**
[25] EN
[54] **WAREHOUSE-RELATED METHOD**
[54] **PROCEDE D'ENTREPOT**
[72] BONI, MARTIN, CA
[72] TSAFARDIS, DEMETRIUS, CA
[71] BONI, MARTIN, CA
[71] TSAFARDIS, DEMETRIUS, CA
[22] 2012-11-14
[41] 2014-05-02
[30] US (61/721,865) 2012-11-02

[21] 2,797,899
[13] A1

[51] **Int.Cl. G07B 3/04 (2006.01) A63F 3/06 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **TICKET DISPENSER**
[54] **DISTRIBUTEUR DE TICKETS**
[72] CAMPO, JAMES A., US
[72] MANNS, TIMOTHY J., US
[72] GALLO, MICHAEL J., US
[72] SZCZEPANSKI, KEITH G., US
[72] JOHNSON, GLENN C., US
[71] E-MAX GAMING CORPORATION, US
[22] 2012-12-03
[41] 2014-04-30
[30] US (13/664,779) 2012-10-31

[21] 2,801,121
[13] A1

[51] **Int.Cl. D06F 57/00 (2006.01)**
[25] EN
[54] **MODULAR CLOTHING DRYER**
[54] **SECHE-LINGE MODULAIRE**
[72] ALVARES, ALEXANDRA V., CA
[71] ALVARES, ALEXANDRA V., CA
[22] 2012-10-29
[41] 2014-04-29

[21] 2,804,116
[13] A1

[51] **Int.Cl. A23D 7/005 (2006.01) A21D 13/08 (2006.01)**
[25] EN
[54] **FLAVOR INFUSED PASTRY FATS FOR PUFF PASTRY**
[54] **MATIERES GRASSES AVEC INFUSION DE PARFUM POUR PATE FEUILLETEE**
[72] MILLER, VAN, CA
[71] MILLER, VAN, CA
[22] 2013-01-25
[41] 2014-04-30
[30] US (61/720,967) 2012-10-31

[21] 2,804,438
[13] A1

[51] **Int.Cl. G01L 5/24 (2006.01) E02D 5/56 (2006.01) E02D 7/22 (2006.01) G01L 25/00 (2006.01) G01B 7/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING HELICAL PILE INSTALLATION TORQUE**
[54] **PROCEDE ET APPAREIL POUR MESURER LE COUPLE D'INSTALLATION D'UN PIEU HELICOIDAL**
[72] KASPRICK, BEN, CA
[71] HELICAL PIER SYSTEMS LTD., CA
[22] 2013-01-31
[41] 2014-05-02
[30] US (61/721,869) 2012-11-02
[30] US (61/724,077) 2012-11-08

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[21] 2,806,061
[13] A1

[51] Int.Cl. A61K 35/32 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01)

[25] EN

[54] **METHOD OF PREPARING DEER BONE EXTRACT HAVING INCREASED AMOUNT OF GANGLIOSIDE**

[54] **PROCEDE DE PREPARATION D'UN EXTRAIT D'OS DE CERF PRESENTANT UNE QUANTITE ACCRUE DE GANGLIOSIDE**

[72] KIM, JONG HOON, KR
[72] LEE, HO BONG, KR
[72] KIM, SEO JIN, KR
[72] OH, SANG CHEOL, KR
[72] PARK, SOO HYUN, KR
[72] JUNG, SUNG UG, KR
[72] MIN, BYUNG JUNG, KR
[72] JEON, BYOUNG OON, KR
[72] AHN, CHANG WON, KR
[71] NONG SHIM CO., LTD., KR
[22] 2013-02-14
[41] 2014-05-01
[30] KR (10-2012-0122871) 2012-11-01
[30] KR (10-2013-0002610) 2013-01-09

[21] 2,808,032
[13] A1

[51] Int.Cl. B61D 15/00 (2006.01) B66F 11/04 (2006.01)

[25] EN

[54] **VEHICLE AND DRIVE MECHANISM**

[54] **VEHICULE ET MECANISME D'ENTRAINEMENT**

[72] BENNETT, SHANE, AU
[72] RELEKAR, ANANT, AU
[72] ELY, MITCHELL HERBERT, AU
[71] VPL EQUIPMENT PTY LTD, AU
[22] 2013-02-28
[41] 2014-05-01
[30] AU (2012904776) 2012-11-01

[21] 2,808,114
[13] A1

[51] Int.Cl. E05D 15/06 (2006.01) A47K 3/30 (2006.01) E05D 13/00 (2006.01) F16C 29/02 (2006.01)

[25] EN

[54] **EASY CLEANING GUIDING ASSEMBLY**

[54] **ENSEMBLE DE GUIDAGE A NETTOYAGE FACILE**

[72] WEI, WUXIANG, CN
[71] FOSHAN IDEAL CO., LTD, CN
[22] 2013-02-27
[41] 2014-05-01
[30] CN (201220570371.X) 2012-11-01

[21] 2,808,474
[13] A1

[51] Int.Cl. A47K 3/30 (2006.01) E05D 13/00 (2006.01) E05D 15/06 (2006.01)

[25] EN

[54] **SHOWER DOOR ASSEMBLY**

[54] **ENSEMBLE DE PORTE DE DOUCHE**

[72] WEI, WUXIANG, CN
[71] FOSHAN IDEAL CO., LTD, CN
[22] 2013-03-06
[41] 2014-05-01
[30] CN (201220570352.7) 2012-11-01

[21] 2,808,823
[13] A1

[51] Int.Cl. E05D 13/00 (2006.01) A47K 3/34 (2006.01) E06B 3/32 (2006.01)

[25] EN

[54] **SHOWER DOOR PULLEY DEVICE**

[54] **DISPOSITIF A POULIE POUR PORTE DE DOUCHE**

[72] WEI, WUXIANG, CN
[71] FOSHAN IDEAL CO., LTD., CN
[22] 2013-03-07
[41] 2014-05-01
[30] CN (201220570372.4) 2012-11-01

[21] 2,810,013
[13] A1

[51] Int.Cl. B60J 7/10 (2006.01) B60R 21/13 (2006.01) B62J 27/00 (2006.01)

[25] EN

[54] **TOP FOR A VEHICLE**

[54] **TOIT POUR VEHICULE**

[72] DESCHAMBAULT, MARTIN, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2013-03-20
[41] 2014-04-30
[30] US (61/720,656) 2012-10-31

[21] 2,810,182
[13] A1

[51] Int.Cl. G07F 11/04 (2006.01) G07F 9/10 (2006.01) G07F 11/16 (2006.01) G07G 1/00 (2006.01)

[25] EN

[54] **VENDING MACHINE FOR FRESH PRODUCE**

[54] **DISTRIBUTEUR AUTOMATIQUE DE FRUITS ET LEGUMES FRAIS**

[72] QUIRING, PETER, CA
[72] DYCK, DAVID KNELSEN, CA
[71] SOUTH ESSEX FABRICATING INC., CA
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[41] 2014-05-02
[30] US (61/721,923) 2012-11-02
[30] US (13/794,106) 2013-03-11

[21] 2,810,189
[13] A1

[51] Int.Cl. B66F 7/06 (2006.01) B66F 3/22 (2006.01) B66F 11/00 (2006.01)

[25] EN

[54] **VERTICALLY ADJUSTABLE PLATFORM SYSTEM**

[54] **SYSTEME DE PLATEFORME A REGLAGE VERTICAL**

[72] QUIRING, PETER, CA
[72] DYCK, DAVID KNELSEN, CA
[71] SOUTH ESSEX FABRICATING INC., CA
[22] 2013-03-22
[41] 2014-05-02
[30] US (61/721,876) 2012-11-02
[30] US (13/794,191) 2013-03-11

[21] 2,810,311
[13] A1

[51] Int.Cl. A47L 9/00 (2006.01) A47L 5/36 (2006.01) A47L 7/00 (2006.01) A47L 9/22 (2006.01)

[25] EN

[54] **PLATFORM FOR ATTACHING A PORTABLE VACUUM UNIT ON A CONTAINER**

[54] **PLATEFORME POUR FIXER UNE UNITE A VIDE PORTATIVE SUR UN CONTENANT**

[72] TARDIF, LEO, CA
[71] TARDIF, LEO, CA
[22] 2013-03-20
[41] 2014-04-28
[30] GB (1219348.8) 2012-10-28

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[21] **2,810,353**
[13] A1

[51] **Int.Cl. B65D 50/00 (2006.01)**
[25] EN
[54] **ONE PIECE REVERSIBLE CLOSURE AND CONTAINER SYSTEM**
[54] **SYSTEME DE CONTENANT ET DE FERMETURE REVERSIBLE MONOPIECE**
[72] MICELI, DAVID A., US
[72] MICELI, JOSEPH A., US
[71] TRI STATE DISTRIBUTION, INC., US
[22] 2013-03-22
[41] 2014-04-30
[30] US (13/664,887) 2012-10-31

[21] **2,815,976**
[13] A1

[51] **Int.Cl. H05K 7/14 (2006.01) G06F 1/16 (2006.01) G06F 1/26 (2006.01) G06F 3/01 (2006.01) H02J 7/00 (2006.01) H04L 29/10 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **MOBILE DEVICE CONTROLLER**
[54] **CONTROLEUR D'APPAREIL MOBILE**
[72] JOYNES, MATTHEW R., US
[72] SANDERFORD, H. BRITTON, US
[72] BOWER, JAMES, US
[71] WIKIPAD, INC., US
[22] 2013-05-16
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[30] US (13/666,532) 2012-11-01

[21] **2,822,165**
[13] A1

[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/64 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **THRUST REVERSERS AND METHODS TO PROVIDE REVERSE THRUST**
[54] **INVERSEURS DE POUSSEE ET METHODES POUR FOURNIR UNE INVERSION DE POUSSEE**
[72] ACHESON, KURT ERIK, US
[72] CHUCK, CHEN, US
[71] THE BOEING COMPANY, US
[22] 2013-07-25
[41] 2014-04-30
[30] US (13/665,596) 2012-10-31

[21] **2,812,325**
[13] A1

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/04 (2013.01)**
[25] EN
[54] **POWER WHEELCHAIR WITH GUARD FOR PLAYING SPORTS**
[54] **FAUTEUIL ROULANT ELECTRIQUE AVEC PROTECTEUR POUR PRATIQUER A DES SPORTS**
[72] AKRE, BRIAN K., US
[71] AKRE, BRIAN K., US
[22] 2013-04-12
[41] 2014-04-30
[30] US (13/664,783) 2012-10-31

[21] **2,818,419**
[13] A1

[51] **Int.Cl. A62C 5/033 (2006.01)**
[25] EN
[54] **METHOD FOR MIXING FIRE FIGHTING GEL IN SITU WITHIN A WATER TANK OF A FIRE FIGHTING AIRCRAFT, AND A FIRE FIGHTING AIRCRAFT MODIFIED IN ACCORDANCE WITH THE TEACHINGS OF THE METHOD**
[54] **PROCEDE POUR MELANGER UN GEL DE LUTTE CONTRE LE FEU SUR PLACE DANS UN RESERVOIR D'EAU D'UN BOMBARDIER A EAU ET BOMBARDIER A EAU MODIFIE SELON LES ENSEIGNEMENTS DU PROCEDE**
[72] SOLOMON, RICK, CA
[71] SOLOMON, RICK, CA
[22] 2013-06-11
[41] 2014-05-02
[30] CA (2795118) 2012-11-02

[21] **2,822,240**
[13] A1

[51] **Int.Cl. F02K 1/06 (2006.01) B64D 33/00 (2006.01) F02K 1/78 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SEALING VARIABLE AREA FAN NOZZLES OF JET ENGINES**
[54] **PROCEDES ET APPAREILS POUR ETANCHEIFIER DES TUYERES DE SOUFFLANTE A SECTION VARIABLE DE MOTEURS A REACTION**
[72] BAKKEN, DAVID ALAN, US
[71] THE BOEING COMPANY, US
[22] 2013-07-26
[41] 2014-04-30
[30] US (13/665,188) 2012-10-31

[21] **2,813,198**
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 50/18 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING RECOVERY FOR VICTIMS OF CHECKING ACCOUNT FRAUD**
[54] **SYSTEME ET PROCEDE ASSURANT LA RECUPERATION POUR LES VICTIMES DE FRAUDE RELATIVE AUX COMPTES DE CHEQUES**
[72] BRUCK, LAURA, US
[72] SILBERZAHN, BROCK, US
[72] ONG, ERICK K., US
[72] HOLLIDAY, CAROLYN, US
[72] DARBY, DONALD W., US
[71] EZSHIELD, INC., US
[22] 2013-04-17
[41] 2014-05-01
[30] US (61/721,451) 2012-11-01
[30] US (13/841,693) 2013-03-15

[21] **2,818,823**
[13] A1

[51] **Int.Cl. A01B 63/118 (2006.01) A01B 63/102 (2006.01)**
[25] EN
[54] **AGRICULTURAL IMPLEMENT WITH PIVOTING TOOL FRAME**
[54] **INSTRUMENT AGRICOLE AVEC CADRE D'OUTIL PIVOTANT**
[72] DIETRICH, WILLIAM J., SR., US
[71] CNH AMERICA LLC, US
[22] 2013-06-13
[41] 2014-05-01
[30] US (13/666,736) 2012-11-01

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[21] 2,823,895
[13] A1

[51] **Int.Cl. G07C 1/00 (2006.01) H04W 4/02 (2009.01) H04W 8/24 (2009.01) G06Q 30/02 (2012.01) G01S 5/14 (2006.01) G01S 11/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR WIRELESS DEVICE DETECTION, RECOGNITION AND VISIT PROFILING**

[54] **SYSTEME ET PROCEDE POUR DETECTION D'APPAREIL SANS FIL, RECONNAISSANCE ET PROFIL DE VISITE**

[72] CAMPS, TOM, CA

[72] KANUKA, BENNETT, CA

[72] BURCHETT, CHRIS, CA

[72] GAGNE, BRAD, CA

[72] MADGE, ROB, CA

[72] SCOBIE, RAY, CA

[72] CAMPBELL, DON, CA

[71] BOLDSTREET INC., CA

[22] 2013-08-16

[41] 2014-05-01

[30] US (13/666,784) 2012-11-01

[21] 2,823,943
[13] A1

[51] **Int.Cl. B64C 21/04 (2006.01) B63B 1/32 (2006.01) F04D 17/06 (2006.01) F15D 1/10 (2006.01)**

[25] EN

[54] **FLUIDIC TRAVERSE ACTUATOR**

[54] **ACTIONNEUR DE TRAVERSE FLUIDIQUE**

[72] SHMILOVICH, ARVIN, US

[72] KENT, STEVEN RICHARD, US

[71] THE BOEING COMPANY, US

[22] 2013-08-15

[41] 2014-04-27

[30] US (13/662,466) 2012-10-27

[21] 2,823,977
[13] A1

[51] **Int.Cl. F28F 3/02 (2006.01)**

[25] EN

[54] **CROSS-FLOW HEAT EXCHANGER HAVING GRADUATED FIN DENSITY**

[54] **ECHANGEUR DE CHALEUR A COURANTS CROISES A DENSITE D'AILETTES GRADUEE**

[72] LANDRE, ERIC G., US

[71] THE BOEING COMPANY, US

[22] 2013-08-16

[41] 2014-04-30

[30] US (13/665,396) 2012-10-31

[21] 2,823,985
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**

[25] EN

[54] **ELECTRICAL POWER SYSTEM STABILITY OPTIMIZATION SYSTEM**

[54] **SYSTEME D'OPTIMISATION DE STABILITE DE SYSTEME D'ALIMENTATION ELECTRIQUE**

[72] FU, SHEAU-WEI JOHNNY, US

[72] KARIMI, KAMIAH J., US

[72] JAKSIC, MARKO D., US

[72] ZHOU, BO, US

[72] WEN, BO, US

[72] MATTAVELLI, PAOLO, US

[72] BOROEYEVICH, DUSHAN, US

[71] THE BOEING COMPANY, US

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[41] 2014-04-30

[30] US (13/663,884) 2012-10-30

[21] 2,824,108
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01)**

[25] EN

[54] **HINGED RAKED WING TIP**

[54] **EXTREMITE D'AILE CARROSSEE ARTICULEE**

[72] DEES, PAUL W., US

[72] GOOD, MARK S., US

[72] SAKURAI, SEIYA, US

[72] KORDEL, JAN A., US

[72] FOX, STEPHEN J., US

[72] LASSEN, MATTHEW A., US

[72] FOX, BRUCE ROBERT, US

[72] WALKER, STEVEN PAUL, US

[72] SANTINI, GREGORY M., US

[71] THE BOEING COMPANY, US

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[41] 2014-04-30

[30] US (13/664,416) 2012-10-30

[21] 2,824,727
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01)**

[25] EN

[54] **HORIZONTAL FOLDING WINGTIP**

[54] **EXTREMITE D'AILE A RABATTEMENT HORIZONTAL**

[72] SANTINI, GREGORY M., US

[72] SAKURAI, SEIYA, US

[71] THE BOEING COMPANY, US

[22] 2013-08-23

[41] 2014-04-30

[30] US (61/720,351) 2012-10-30

[30] US (13/964,072) 2013-08-10

[30] US (13/664,416) 2012-10-30

[21] 2,824,820
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01) F16C 11/10 (2006.01)**

[25] EN

[54] **WING HINGE ASSEMBLY INCLUDING HINGED TORQUE BOXES**

[54] **ENSEMBLE CHARNIERE D'AILE COMPRENANT DES CAISSONS DE TORSION ARTICULES**

[72] GOOD, MARK S., US

[72] WALKER, STEVEN PAUL, US

[71] THE BOEING COMPANY, US

[22] 2013-08-23

[41] 2014-04-30

[30] US (13/664,371) 2012-10-30

[21] 2,825,073
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01) F16C 11/04 (2006.01) F16H 21/10 (2006.01)**

[25] EN

[54] **WING FOLD SYSTEM**

[54] **SYSTEME DE RABATTEMENT D'AILE**

[72] FOX, STEPHEN JOHN, US

[72] SAKURAI, SEIYA, US

[72] MUNSEN, VICTOR A., US

[72] NOBLE, JACK S., US

[72] SKOMOROWSKI, JOHN TONY, US

[71] THE BOEING COMPANY, US

[22] 2013-08-28

[41] 2014-04-30

[30] US (61/720,320) 2012-10-30

[30] US (13/962,952) 2013-08-09

[21] 2,825,511
[13] A1

[51] **Int.Cl. B03B 9/02 (2006.01)**

[25] EN

[54] **SUBAQUEOUS MINING TAILINGS PLACEMENT**

[54] **PLACEMENT DE RESIDUS MINIER SUBAQUATIQUES**

[72] LENEVE, ERIC, CA

[72] CLEMINSON, RON, CA

[72] WANG, NAN, CA

[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, CA

[22] 2013-08-29

[41] 2014-04-28

[30] US (61/719,454) 2012-10-28

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[21] **2,825,739**
[13] A1

[51] **Int.Cl. F04D 35/00 (2006.01) E04H 4/14 (2006.01)**

[25] EN

[54] **SEQUENCED CHAMBER WAVE GENERATOR CONTROLLER AND METHOD**

[54] **CONTROLEUR ET PROCEDE DE GENERATION SEQUENCEE DE VAGUES DANS UNE ENCEINTE**

[72] MCFARLAND, BRUCE, US

[71] AMERICAN WAVE MACHINES, INC., US

[22] 2013-08-23

[41] 2014-05-01

[30] US (61/721,304) 2012-11-01

[21] **2,825,834**
[13] A1

[51] **Int.Cl. H04N 13/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **AUTOMATED FRAME OF REFERENCE CALIBRATION FOR AUGMENTED REALITY**

[54] **ETALONNAGE DE CADRE DE REFERENCE AUTOMATISE POUR REALITE AUGMENTEE**

[72] DAVIES, PAUL R., US

[72] LEE, DAVID K., US

[71] THE BOEING COMPANY, US

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[41] 2014-04-30

[30] US (13/665,837) 2012-10-31

[21] **2,827,038**
[13] A1

[51] **Int.Cl. E05F 15/12 (2006.01) E05F 15/20 (2006.01)**

[25] EN

[54] **NON-HANDED SWING DOOR OPERATOR**

[54] **MECANISME DE PORTE VA-ET-VIENT POUR GAUCHER OU DROITIER**

[72] KRIVOY, PAUL JULES, US

[71] KRIVOY, PAUL JULES, US

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[41] 2014-05-02

[30] US (13/667,427) 2012-11-02

[21] **2,827,355**
[13] A1

[51] **Int.Cl. C08L 33/00 (2006.01) C08J 3/20 (2006.01) C08L 83/12 (2006.01)**

[25] EN

[54] **FORMULATION WITH DEFOAMER**

[54] **PREPARATION AVEC AGENT ANTI-MOUSSE**

[72] BALJEPALLI, SUDHAKAR, US

[72] KEEFE, MELINDA H., US

[72] RUFFE, LAUREL A., US

[71] ROHM AND HAAS COMPANY, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[41] 2014-04-29

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[21] **2,827,740**
[13] A1

[51] **Int.Cl. E04C 1/00 (2006.01)**

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[54] **A BUILDING BLOCK ASSEMBLY**

[54] **ENSEMBLE BLOC DE CONSTRUCTION**

[72] GRIFFITH, TOM, CA

[71] RAMPF MOLDS INDUSTRIES, INC., US

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[30] US (13/663,795) 2012-10-30

[21] **2,827,947**
[13] A1

[51] **Int.Cl. F21V 17/00 (2006.01) F21V 5/04 (2006.01)**

[25] EN

[54] **LED ENGINE FOR EMERGENCY LIGHTING**

[54] **MOTEUR DE LUMIERE A DEL POUR ECLAIRAGE DE SECOURS**

[72] RAPEANU, RADU C., CA

[71] THOMAS & BETTS INTERNATIONAL, INC., US

[22] 2013-09-19

[41] 2014-04-30

[30] US (61/720,418) 2012-10-31

[30] US (13/975,928) 2013-08-26

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[13] A1

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[25] EN

[54] **DC BRUSHLESS MOTOR WITH EXTERNAL ROTOR**

[54] **MOTEUR A COURANT CONTINU, SANS BALAIS, AVEC ROTOR EXTERNE**

[72] LU, CHUPING, CN

[72] TANG, SONGFA, CN

[72] ZENG, CHONGSHENG, CN

[71] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN

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[41] 2014-04-30

[30] CN (201220569541.2) 2012-10-31

[21] **2,828,710**
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **OPENING ISOLATION FOR FLUID INJECTION INTO A FORMATION FROM AN EXPANDED CASING**

[54] **ISOLATION D'OUVERTURE POUR INJECTION DE FLUIDE DANS UNE FORMATION A PARTIR D'UN TUBAGE DILATE**

[72] HOCKING, GRANT, US

[71] GEOSIERRA, LLC, US

[22] 2013-10-01

[41] 2014-04-30

[30] US (13/663,762) 2012-10-30

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[13] A1

[51] **Int.Cl. B64C 1/00 (2006.01) B64F 5/00 (2006.01) F16B 5/00 (2006.01)**

[25] EN

[54] **CIRCUMFERENCE SPLICE FOR JOINING SHELL STRUCTURES**

[54] **RACCORDEMENT CIRCONFERENCE POUR RACCORDER DES COQUES**

[72] DIEP, PAUL, US

[72] DOPKER, BERNHARD, US

[71] THE BOEING COMPANY, US

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[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01) F16B 1/02 (2006.01) F16C 11/10 (2006.01)**
 [25] EN
 [54] **WING FOLD SYSTEM ROTATING LATCH**
 [54] **VERROU ROTATIF DE SYSTEME DE RABATTEMENT D'AILE**
 [72] FOX, STEPHEN JOHN, US
 [72] KORDEL, JAN A., US
 [72] TOWNSEND, KEITH, US
 [72] LASSEN, MATTHEW AUGUST, US
 [72] GARDNER, MARK JOHN, US
 [71] THE BOEING COMPANY, US
 [22] 2013-10-01
 [41] 2014-04-30
 [30] US (61/720,328) 2012-10-30
 [30] US (13/966,754) 2013-08-14

[21] **2,828,853**
[13] A1

[51] **Int.Cl. H05K 7/14 (2006.01) E05D 7/00 (2006.01) G06F 1/16 (2006.01) H04W 88/02 (2009.01)**
 [25] EN
 [54] **SUPPORT FOR A FLEXIBLE DISPLAY**
 [54] **SUPPORT POUR AFFICHAGE FLEXIBLE**
 [72] GRIFFIN, JASON TYLER, CA
 [72] RIDDIFORD, MARTIN PHILIP, GB
 [72] ALLWRIGHT, JULIA, GB
 [71] BLACKBERRY LIMITED, CA
 [22] 2013-09-27
 [41] 2014-05-02
 [30] EP (12191050.9) 2012-11-02

[21] **2,828,860**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01) H04W 88/02 (2009.01) G03B 17/04 (2006.01)**
 [25] EN
 [54] **SUPPORT FOR A FLEXIBLE DISPLAY**
 [54] **SUPPORT POUR AFFICHAGE FLEXIBLE**
 [72] GRIFFIN, JASON TYLER, CA
 [72] RIDDIFORD, MARTIN PHILIP, GB
 [72] KAYSER, DANIEL JORDAN, GB
 [71] BLACKBERRY LIMITED, CA
 [22] 2013-09-27
 [41] 2014-05-02
 [30] EP (12191051.7) 2012-11-02
 [30] EP (12191052.5) 2012-11-02

[21] **2,829,000**
[13] A1

[51] **Int.Cl. A61J 11/02 (2006.01)**
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 [54] **MULTI FLOW MULTI VENTING NIPPLE**
 [54] **MAMELON A ORIFICES DE VENTILATION ET DEBITS MULTIPLES**
 [72] RICHARD, MAXIME R., US
 [71] DART INDUSTRIES INC., US
 [22] 2013-10-02
 [41] 2014-05-02
 [30] US (13/667,360) 2012-11-02

[21] **2,829,281**
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01) B64C 13/00 (2006.01) B64C 19/00 (2006.01)**
 [25] EN
 [54] **WING FOLD CONTROLLER**
 [54] **CONTROLEUR DE RABATTEMENT D'AILE**
 [72] LASSEN, MATTHEW A., US
 [72] DOUGLAS, CHAD R., US
 [72] JONES, KELLY T., US
 [72] KENNING, TERENCE B., US
 [71] THE BOEING COMPANY, US
 [22] 2013-09-30
 [41] 2014-04-30
 [30] US (61/720,338) 2012-10-30
 [30] US (13/664,416) 2012-10-30
 [30] US (14/022,622) 2013-09-10

[21] **2,829,313**
[13] A1

[51] **Int.Cl. C09D 201/02 (2006.01) A61L 27/30 (2006.01) A61L 29/10 (2006.01) A61L 31/08 (2006.01) C09D 5/14 (2006.01) C09D 7/12 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01)**
 [25] EN
 [54] **ANTIMICROBIAL SUBSTRATES AND METHODS FOR PROCESSING THE SAME**
 [54] **SUBSTRATS ANTIMICROBIENS ET PROCEDES POUR TRAITER CEUX-CI**
 [72] KRONGAUZ, VADIM V., US
 [72] LING, MICHAEL TUNG-KIUNG, US
 [72] CAWTHON, DUSTIN, US
 [71] BAXTER INTERNATIONAL INC., US
 [71] BAXTER HEALTHCARE S.A., CH
 [22] 2013-10-03
 [41] 2014-04-30
 [30] US (13/663,669) 2012-10-30

[21] **2,829,447**
[13] A1

[51] **Int.Cl. H04B 10/80 (2013.01) H04W 76/02 (2009.01) H04B 10/11 (2013.01) H04B 10/2575 (2013.01)**
 [25] EN
 [54] **METHOD AND APPARATUS FOR CONNECTING TO A WIRELESS LOCAL AREA NETWORK**
 [54] **PROCEDE ET APPAREIL POUR CONNEXION A UN RESEAU LOCAL SANS FIL**
 [72] LUNDGREN, JAN, SE
 [72] ERICSSON, OLA, SE
 [71] MAR INTERNATIONAL APS, DK
 [22] 2013-10-04
 [41] 2014-04-30
 [30] EP (12190637.4) 2012-10-30

[21] **2,829,519**
[13] A1

[51] **Int.Cl. B32B 1/06 (2006.01) B32B 37/00 (2006.01)**
 [25] EN
 [54] **COMPOSITE RADIUS FILLERS AND METHODS OF FORMING THE SAME**
 [54] **AGENTS DE REMPLISSAGE DE RAYON COMPOSITES ET PROCEDES DE FORMATION DE CEUX-CI**
 [72] BUTLER, GEOFFREY A., US
 [72] NORDMAN, PAUL S., US
 [71] THE BOEING COMPANY, US
 [22] 2013-10-08
 [41] 2014-05-01
 [30] US (13/666,959) 2012-11-01

[21] **2,829,579**
[13] A1

[51] **Int.Cl. B65G 15/22 (2006.01) B65G 47/22 (2006.01)**
 [25] EN
 [54] **ACCUMULATION CONVEYOR**
 [54] **CONVOYEUR A ACCUMULATION**
 [72] BAECHEL, JEAN-CLAUDE, CA
 [72] ESPITALIER, JEAN-CLAUDE, CA
 [71] TRIO PAC INC., CA
 [22] 2013-10-09
 [41] 2014-04-29
 [30] US (61/719,553) 2012-10-29

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[21] **2,829,714**
 [13] A1

[51] **Int.Cl. B01J 37/02 (2006.01) B01J 23/42 (2006.01) B01J 37/08 (2006.01) C07C 5/367 (2006.01)**

[25] EN

[54] **DEHYDROGENATION CATALYST AND METHOD FOR PRODUCING THE SAME**

[54] **CATALYSEUR DE DESHYDROGENATION ET METHODE DE PRODUCTION DE CELUI-CI**

[72] OBATA, NAKAKO, JP

[72] SEGAWA, ATSUSHI, JP

[72] HIRANO, YUICHIRO, JP

[71] JX NIPPON OIL & ENERGY CORPORATION, JP

[22] 2013-10-10

[41] 2014-04-30

[30] JP (P2012-239371) 2012-10-30

[21] **2,829,733**
 [13] A1

[51] **Int.Cl. H01B 13/004 (2006.01) H01B 5/02 (2006.01) H02B 1/20 (2006.01) H02G 5/00 (2006.01)**

[25] EN

[54] **METHOD OF BUSWAY CONSTRUCTION**

[54] **METHODE DE CONSTRUCTION DE BARRES BLINDEES**

[72] WALGENBACH, JACOB E., US

[72] RAMSEY, JAMES RAYMOND, US

[72] O'LEARY, TIMOTHY P., US

[72] MCCROCKLIN, THOMAS PATRICK, US

[71] SCHNEIDER ELECTRIC USA, INC., US

[22] 2013-10-09

[41] 2014-05-01

[30] US (13/666,390) 2012-11-01

[21] **2,829,847**
 [13] A1

[51] **Int.Cl. F24H 9/20 (2006.01)**

[25] EN

[54] **FLUE DAMPER CONTROL ALGORITHM FOR STANDING PILOT TYPE FUEL-FIRED WATER HEATER**

[54] **ALGORITHME DE COMMANDE DE REGISTRE DE CARNEAU POUR CHAUFFE-EAU ALIMENTE PAR CARBURANT DE TYPE A MISE EN ATTENTE DE LA SOUPAPE PILOTE**

[72] CHAUDHRY, RAHEEL A., US

[72] BOROS, JOZEF, US

[72] TURRIN, GIANPIERO, IT

[71] RHEEM MANUFACTURING COMPANY, US

[22] 2013-10-16

[41] 2014-04-30

[30] US (61/720,906) 2012-10-31

[30] US (14/016,746) 2013-09-03

[21] **2,829,905**
 [13] A1

[51] **Int.Cl. B65F 3/00 (2006.01)**

[25] EN

[54] **CRADLE FOR A SIDE LOADING ARM FOR REFUSE VEHICLE**

[54] **BERCEAU POUR BRAS DE CHARGEMENT LATERAL DE CAMION A ORDURES**

[72] STEWART, BRYAN, US

[72] GENTRY, DAVID C., US

[71] THE HEIL CO., US

[22] 2013-10-11

[41] 2014-04-30

[30] US (61/720,698) 2012-10-31

[30] US (13/793,423) 2013-03-11

[21] **2,829,913**
 [13] A1

[51] **Int.Cl. H01R 25/00 (2006.01) H02B 1/20 (2006.01) H02G 5/00 (2006.01)**

[25] EN

[54] **BOLT FREE ELECTRICAL BUS CONNECTOR**

[54] **CONNEXION DE BARRES OMNIBUS SANS BOULON**

[72] WALGENBACH, JACOB E., US

[72] DOZIER, STEVEN WAYNE, US

[71] SCHNEIDER ELECTRIC USA, INC., US

[22] 2013-10-09

[41] 2014-04-30

[30] US (13/665,553) 2012-10-31

[21] **2,829,928**
 [13] A1

[51] **Int.Cl. E21B 33/124 (2006.01)**

[25] EN

[54] **COILED TUBING PACKER SYSTEM**

[54] **SYSTEME D'ETANCHEITE A COLONNE DE PRODUCTION EN SPIRALE**

[72] HUESTON, KENNETH JAMES, CA

[72] HUBER, DOUGLAS, CA

[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2013-10-10

[41] 2014-04-30

[30] US (13/664,221) 2012-10-30

[21] **2,829,937**
 [13] A1

[51] **Int.Cl. A01D 89/00 (2006.01)**

[25] EN

[54] **A REEL FOR AN AGRICULTURAL HARVESTING HEAD**

[54] **RABATTEUR POUR UNE TETE D'ABATTAGE-EBRANCHAGE AGRICOLE**

[72] PIERSON, JOSHUA, US

[71] DEERE & COMPANY, US

[22] 2013-10-16

[41] 2014-04-30

[30] US (13/664,097) 2012-10-30

[21] **2,830,055**
 [13] A1

[51] **Int.Cl. B32B 3/26 (2006.01) B05D 5/00 (2006.01) B32B 18/00 (2006.01) B32B 33/00 (2006.01) B32B 37/02 (2006.01) E04C 2/284 (2006.01) E04C 2/296 (2006.01)**

[25] EN

[54] **BUILDING BOARD AND METHOD FOR PRODUCING THE SAME**

[54] **PANNEAU LEGER ET PROCEDE POUR SA FABRICATION**

[72] IMAI, TOSHIO, JP

[72] YAMAMOTO, HIROAKI, JP

[71] NICHIIA CORPORATION, JP

[22] 2013-10-16

[41] 2014-04-30

[30] JP (JP2012-240115) 2012-10-31

Demandes canadiennes mises à la disponibilité du public
27 avril 2014 au 3 mai 2014

[21] **2,830,098**
 [13] A1

[51] **Int.Cl. B64D 31/00 (2006.01) B64C 27/12 (2006.01) B64D 27/24 (2006.01) B64D 35/00 (2006.01)**

[25] FR

[54] **MANAGEMENT PROCESS FOR AN ENGINE FAILURE ON A MULTI-ENGINE AIRCRAFT EQUIPPED WITH A HYBRID POWERPLANT INSTALLATION**

[54] **PROCEDE DE GESTION D'UNE PANNE DE MOTEUR SUR UN AERONEF MULTIMOTEUR MUNI D'UNE INSTALLATION MOTRICE HYBRIDE**

[72] DYRLA, NADINE, FR
 [72] CONNAULTE, MATTHIEU, FR
 [72] CEZARD, JORIS, FR
 [71] EUROCOPTER, FR
 [22] 2013-10-15
 [41] 2014-04-29
 [30] FR (12 02897) 2012-10-29

[21] **2,830,101**
 [13] A1

[51] **Int.Cl. F03D 7/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR OPERATING WIND FARM**

[54] **SYSTEME ET PROCEDE POUR FAIRE FONCTIONNER UN PARC EOLIEN**

[72] JAYANT, ADITYA, IN
 [72] AROKIASAMY, VINCENT, IN
 [72] SRIKANTA, SANTHOSHIA YELWAL, IN
 [72] NAIR, SHIMNAMOL PADMANABHAN, IN
 [71] GENERAL ELECTRIC COMPANY, US
 [22] 2013-10-17
 [41] 2014-05-01
 [30] US (13/666,005) 2012-11-01

[21] **2,830,102**
 [13] A1

[51] **Int.Cl. A01D 63/00 (2006.01)**

[25] EN

[54] **CROP DIVIDER FOR AN AGRICULTURAL HARVESTING HEAD**

[54] **DIVISEUR DE RECOLTE POUR UNE TETE D'ABATTAGE-EBRANCHAGE AGRICOLE**

[72] MOSSMAN, MICHAEL W., US
 [71] DEERE & COMPANY, US
 [22] 2013-10-17
 [41] 2014-04-30
 [30] US (13/665,688) 2012-10-31

[21] **2,830,106**
 [13] A1

[51] **Int.Cl. B65F 3/00 (2006.01)**

[25] EN

[54] **ACTUATING SUPPORT RACK**

[54] **SUPPORT DE COMMANDE**

[72] PARKER, BRIAN T., US
 [72] GENTRY, DAVID C., US
 [71] THE HEIL CO., US
 [22] 2013-10-17
 [41] 2014-04-30
 [30] US (61/720,719) 2012-10-31
 [30] US (13/796,057) 2013-03-12

[21] **2,830,120**
 [13] A1

[51] **Int.Cl. F16C 32/04 (2006.01)**

[25] EN

[54] **ACTIVE MAGNETIC BEARING COMPRISING MEANS FOR DAMPING THE RADIAL MOTION OF A SHAFT OF A ROTARY MACHINE**

[54] **PALIER MAGNETIQUE ACTIF COMPRENANT DES MOYENS POUR AMORTIR LE MOUVEMENT RADIAL D'UN ARBRE D'UNE MACHINE ROTATIVE**

[72] PERMUY, ALFRED, GB
 [71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
 [22] 2013-10-17
 [41] 2014-04-30
 [30] FR (1260419) 2012-10-31

[21] **2,830,122**
 [13] A1

[51] **Int.Cl. B64D 41/00 (2006.01) B64C 7/00 (2006.01) H02K 1/27 (2006.01) H02K 7/18 (2006.01)**

[25] EN

[54] **RAM AIR TURBINE GENERATOR WITH EXTERNAL ROTOR HAVING PERMANENT MAGNETS**

[54] **GENERATEUR A TURBINE A AIR DYNAMIQUE A ROTOR EXTERNE POURVU D'AIMANTS PERMANENTS**

[72] TANEJA, DINESH NATH, US
 [72] WIRSCH, PAUL JAMES, JR., US
 [71] GE AVIATION SYSTEMS LLC, US
 [22] 2013-10-17
 [41] 2014-04-30
 [30] US (13/664,625) 2012-10-31

[21] **2,830,124**
 [13] A1

[51] **Int.Cl. H02P 9/08 (2006.01)**

[25] EN

[54] **METHOD FOR STARTING AN ELECTRIC MOTOR**

[54] **METHODE DE DEMARRAGE D'UN MOTEUR ELECTRIQUE**

[72] HUANG, HAO, US
 [72] JIA, XIAOCHUAN, US
 [71] GE AVIATION SYSTEMS LLC, US
 [22] 2013-10-17
 [41] 2014-04-30
 [30] US (13/665,142) 2012-10-31

[21] **2,830,128**
 [13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) F01D 5/30 (2006.01)**

[25] EN

[54] **A WIND TURBINE ROTOR BLADE ASSEMBLY WITH A RING INSERT IN THE BLADE ROOT**

[54] **ENSEMBLE PALE DE ROTOR D'EOLIENNE A RACCORD ANNULAIRE DANS LA BASE DE PALE**

[72] BUSSIÈRES, FREDERIC, DE
 [72] GOLDBERG, MATS, SE
 [71] GENERAL ELECTRIC COMPANY, US
 [22] 2013-10-17
 [41] 2014-04-30
 [30] US (13/664,587) 2012-10-31

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April 27, 2014 to May 3, 2014**

[21] **2,830,137**
[13] A1

[51] **Int.Cl. G01B 7/15 (2006.01) G01D 5/24 (2006.01)**
[25] EN
[54] **CAPACITIVE SENSOR DEVICE AND METHOD OF MANUFACTURE**
[54] **DISPOSITIF DE DETECTION CAPACITIF ET PROCEDE DE FABRICATION**
[72] ESILER, DAVID RICHARD, US
[72] ANDARAWIS, EMAD ANDARAWIS, US
[72] HASZ, WAYNE CHARLES, US
[72] BALASUBRAMANIAM, MAHADEVAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-10-17
[41] 2014-04-30
[30] US (13/665,192) 2012-10-31

[21] **2,830,236**
[13] A1

[51] **Int.Cl. H01L 35/32 (2006.01)**
[25] EN
[54] **DEVICE FOR CONVERTING HEAT INTO ELECTRICAL POWER**
[54] **DISPOSITIF POUR CONVERTIR LA CHALEUR EN ENERGIE ELECTRIQUE**
[72] SORRELL, BRADFORD SCOTT, CA
[71] SORRELL, BRADFORD SCOTT, CA
[22] 2013-10-15
[41] 2014-04-30
[30] US (61/720724) 2012-10-31

[21] **2,830,306**
[13] A1

[51] **Int.Cl. E01C 23/22 (2006.01) B05B 12/00 (2006.01)**
[25] EN
[54] **PAINT SPRAYING SYSTEM**
[54] **SYSTEME DE PULVERISATION DE PEINTURE**
[72] GRIMM, JEFFREY JOHN, US
[72] KOLB, TROY C., US
[71] CAPSTAN AG SYSTEMS, INC., US
[22] 2013-10-17
[41] 2014-04-30
[30] US (61/720,132) 2012-10-30

[21] **2,830,377**
[13] A1

[51] **Int.Cl. B64C 25/42 (2006.01) B60T 8/17 (2006.01) F16F 15/00 (2006.01)**
[25] FR
[54] **ELECTROMECHANICAL BRAKING METHOD FOR REDUCING VIBRATION**
[54] **PROCEDE DE FREINAGE ELECTROMECHANIQUE POUR REDUIRE LES VIBRATIONS**
[72] FAUR, MARION, FR
[72] LEPAGE, THOMAS, FR
[72] DIEBOLD, JEAN-FREDERIC, FR
[72] CHICO, PHILIPPE, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[22] 2013-10-16
[41] 2014-04-30
[30] FR (12 60402) 2012-10-31

[21] **2,830,387**
[13] A1

[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **TUBULAR MEMBER COUPLING AND LINING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COUPLAGE ET DE REVETEMENT D'ELEMENTS TUBULAIRES**
[72] WOLLMANN, ARNOLD, CA
[71] WOLLMANN, ARNOLD, CA
[22] 2013-10-15
[41] 2014-05-01
[30] US (61/721,248) 2012-11-01

[21] **2,830,400**
[13] A1

[51] **Int.Cl. G06F 9/06 (2006.01) G06F 21/50 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENABLING AND DISABLING EXECUTION OF COMPUTER INSTRUCTIONS**
[54] **PROCEDE ET SYSTEME POUR ACTIVER ET DESACTIVER L'EXECUTION D'INSTRUCTIONS-MACHINE**
[72] JANSSEN, BOB, NL
[72] SCHEPENS, PATRIC JOHANNES, NL
[72] SMITS, DENNIS ANTON EDWIN, NL
[71] REAL ENTERPRISE SOLUTIONS DEVELOPMENT B.V., NL
[22] 2013-10-21
[41] 2014-04-30
[30] EP (12190667.1) 2012-10-30

[21] **2,830,567**
[13] A1

[51] **Int.Cl. B65D 6/08 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **CONTAINER STRUCTURE**
[54] **STRUCTURE DE CONTENANT**
[72] CHUANG, SHAN-CHI, TW
[71] CHUANG, SHAN-CHI, TW
[22] 2013-10-21
[41] 2014-04-30
[30] TW (101140392) 2012-10-31

[21] **2,830,574**
[13] A1

[51] **Int.Cl. F16L 23/08 (2006.01) F16L 21/08 (2006.01)**
[25] EN
[54] **COUPLING WITH EXTENDING PARTING LINE**
[54] **RACCORD AVEC LIGNE DE SEPARATION A ALLONGEMENT**
[72] SCHELL, TY, US
[72] MCCREA, PATRICK M., US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2013-10-21
[41] 2014-05-02
[30] US (13/667,786) 2012-11-02

[21] **2,830,697**
[13] A1

[51] **Int.Cl. H01P 3/12 (2006.01) H01P 1/208 (2006.01) H01P 5/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE WAVEGUIDE BUSBAR**
[54] **BARRE OMNIBUS A GUIDE D'ONDE REGLABLE**
[72] ARNOLD, CHRISTIAN, DE
[72] PARLEBAS, JEAN, DE
[72] THIBAUT, CHARLES, DE
[71] TESAT-SPACECOM GMBH & CO. KG, DE
[22] 2013-10-22
[41] 2014-04-29
[30] DE (10 2012 021 157.0) 2012-10-29

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27 avril 2014 au 3 mai 2014

[21] **2,830,700**
[13] A1

[51] **Int.Cl. F23J 15/02 (2006.01) B01D 53/62 (2006.01) F23L 7/00 (2006.01) F24H 9/18 (2006.01) F25J 3/04 (2006.01)**

[25] EN

[54] **AN OXY-FUEL BOILER SYSTEM AND ITS OPERATION**

[54] **SYSTEME DE BRULEUR OXYCOMBUSTIBLE ET SON FONCTIONNEMENT**

[72] WEITZEL, MARKUS JOERG, DE

[71] ALSTOM TECHNOLOGY LTD, CH

[22] 2013-10-23

[41] 2014-04-30

[30] EP (12190795.0) 2012-10-31

[21] **2,830,728**
[13] A1

[51] **Int.Cl. B29C 49/68 (2006.01)**

[25] EN

[54] **HEATING SYSTEM FOR AN OVEN FOR PREFORMS**

[54] **SYSTEME DE CHAUFFAGE POUR UN FOUR POUR PREFORMES**

[72] ZACCHE', VANNI, IT

[71] SMI S.P.A., IT

[22] 2013-10-18

[41] 2014-04-30

[30] IT (MI 2012 A 001855) 2012-10-31

[21] **2,830,925**
[13] A1

[51] **Int.Cl. F02C 7/18 (2006.01) F02C 3/14 (2006.01) F23R 3/42 (2006.01)**

[25] EN

[54] **HOT GAS SEGMENT ARRANGEMENT**

[54] **AGENCEMENT DE SEGMENTS DE GAZ CHAUDS**

[72] BENZ, URS, CH

[72] APPEL, CHRISTOPH, CH

[72] KONRADT, OLIVER, CH

[72] LENUZZI, IVAN, HR

[72] MARKOVIC, ALEN, HR

[71] ALSTOM TECHNOLOGY LTD, CH

[22] 2013-10-24

[41] 2014-04-30

[30] EP (12190808.1) 2012-10-31

[21] **2,830,928**
[13] A1

[51] **Int.Cl. H02G 3/04 (2006.01) G01V 3/12 (2006.01) H02G 9/06 (2006.01)**

[25] EN

[54] **TONEABLE CONDUIT OPTIMIZED FOR CONDUIT SHRINKAGE AND ELONGATION**

[54] **CONDUITE DETECTABLE PAR TONALITES OPTIMISEE POUR RETRECISSEMENT ET ELONGATION DE CONDUITE**

[72] CHAMBERLAIN, JOHN, US

[72] MORROW, JASON, US

[71] COMMScope, INC. OF NORTH CAROLINA, US

[22] 2013-10-24

[41] 2014-04-29

[30] US (13/662,749) 2012-10-29

[21] **2,830,930**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) F01D 5/14 (2006.01)**

[25] EN

[54] **WIND TURBINE WITH AN OFFSET SUCTION SIDE**

[54] **EOLIENNE POURVUE D'UN COTE ASPIRATION DECALE**

[72] RUIJTER, WOUT, DK

[71] ENVISION ENERGY (DENMARK) APS, DK

[22] 2013-10-24

[41] 2014-04-30

[30] DK (PA 2012 70670) 2012-10-31

[21] **2,830,955**
[13] A1

[51] **Int.Cl. G01C 11/02 (2006.01)**

[25] EN

[54] **AERIAL PHOTOGRAMMETRY AND AERIAL PHOTOGRAMMETRIC SYSTEM**

[54] **PHOTOGRAMMETRIE AERIENNE ET SYSTEME DE PHOTOGRAMMETRIE AERIENNE**

[72] OHTOMO, FUMIO, JP

[72] OTANI, HITOSHI, JP

[72] OSARAGI, KAZUKI, JP

[72] ANAI, TETSUJI, JP

[71] KABUSHIKI KAISHA TOPCON, JP

[22] 2013-10-22

[41] 2014-04-30

[30] JP (2012-240492) 2012-10-31

[21] **2,830,985**
[13] A1

[51] **Int.Cl. H04L 12/875 (2013.01) H04L 12/865 (2013.01)**

[25] EN

[54] **COMPUTING AND REPORTING LATENCY IN PRIORITY QUEUES**

[54] **TEMPS DE LATENCE DE CALCUL ET DE RAPPORT DE MESURE DANS LES FILES D'ATTENTE DE PRIORITE**

[72] HUEY, MICHAEL G., US

[72] HARRIS, JAMES R., US

[72] WAGNER, JOSHUA R., US

[72] BODDUPALLI, HARI K., US

[71] GENERAL INSTRUMENT CORPORATION, US

[22] 2013-10-25

[41] 2014-04-27

[30] US (61/719,372) 2012-10-27

[30] US (61/764,324) 2013-02-13

[30] US (14/062,143) 2013-10-24

[21] **2,831,076**
[13] A1

[51] **Int.Cl. G01N 35/10 (2006.01)**

[25] EN

[54] **CHUCKING APPARATUS**

[54] **APPAREIL DE SERRAGE**

[72] ITOH, TERUAKI, JP

[71] AOI SEIKI CO., LTD., JP

[22] 2013-10-24

[41] 2014-04-30

[30] JP (2012-239391) 2012-10-30

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[21] **2,831,084**
[13] A1

[51] **Int.Cl. B29C 73/00 (2006.01) B29C 44/18 (2006.01) B64C 3/20 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**

[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**

[72] THIAGARAJAN, RAMESH, US

[72] CHRIS, ROBERT MARK, US

[72] MCCULLOUGH, JOHN R., US

[72] MISHRA, SUVANKAR, US

[71] BELL HELICOPTER TEXTRON INC., US

[22] 2013-10-22

[41] 2014-04-30

[30] US (13/663,925) 2012-10-30

[21] **2,831,088**
[13] A1

[51] **Int.Cl. B29C 73/00 (2006.01) B29C 44/16 (2006.01) B64C 3/20 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**

[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**

[72] THIAGARAJAN, RAMESH, US

[72] INGRAM, THEODORE W., III, US

[72] MCCULLOUGH, JOHN R., US

[72] MISHRA, SUVANKAR, US

[72] MAY, CARL, US

[71] BELL HELICOPTER TEXTRON INC., US

[22] 2013-10-22

[41] 2014-04-30

[30] US (13/664,010) 2012-10-30

[21] **2,831,098**
[13] A1

[51] **Int.Cl. B29C 71/00 (2006.01) B29C 44/18 (2006.01)**

[25] EN

[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**

[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**

[72] THIAGARAJAN, RAMESH, US

[72] CHRIS, ROBERT MARK, US

[72] MCCULLOUGH, JOHN R., US

[72] MISHRA, SUVANKAR, US

[71] BELL HELICOPTER TEXTRON INC., US

[22] 2013-10-22

[41] 2014-04-30

[30] US (13/663,978) 2012-10-30

[21] **2,831,097**
[13] A1

[51] **Int.Cl. B29C 44/18 (2006.01)**

[25] EN

[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**

[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**

[72] MISHRA, SUVANKAR, US

[72] MAY, CARL, US

[72] CHRIS, ROBERT MARK, US

[71] BELL HELICOPTER TEXTRON INC., US

[22] 2013-10-22

[41] 2014-04-30

[30] US (13/664,046) 2012-10-30

[21] **2,831,103**
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[51] **Int.Cl. B29C 73/00 (2006.01) B29C 44/16 (2006.01) B64C 3/20 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**

[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**

[72] THIAGARAJAN, RAMESH, US

[72] CHRIS, ROBERT MARK, US

[72] MCCULLOUGH, JOHN R., US

[72] MISHRA, SUVANKAR, US

[71] BELL HELICOPTER TEXTRON INC., US

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[54] **CURRENT DIFFERENTIAL PROTECTION**
[54] **PROTECTION DE DIFFERENTIEL DE COURANT**
[72] PAN, YAN, US
[72] PREMIERLANI, WILLIAM JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (13/665,479) 2012-10-31

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[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 84/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF BANDWIDTH ALLOCATION**
[54] **SYSTEMES ET METHODES D'ALLOCATION DE LARGEUR DE BANDE**
[72] GREWAL, AJAY PAL SINGH, US
[72] LEUNG, DAVID KIM-YUNG, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (13/666,510) 2012-11-01

[21] **2,831,142**
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[25] EN
[54] **MAINTENANCE SYSTEM FOR AIRCRAFT FLEET AND METHOD FOR PLANNING MAINTENANCE**
[54] **SYSTEME D'ENTRETIEN POUR FLOTTE D'AVIONS ET METHODE DE PLANIFICATION D'ENTRETIEN**
[72] SCHOONVELD, STEVE JOHN, US
[71] GE AVIATION SYSTEMS LLC, US
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[41] 2014-05-01
[30] US (13/666,394) 2012-11-01

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[13] A1

[51] **Int.Cl. F16H 37/06 (2006.01) F16H 48/05 (2012.01) F16H 1/46 (2006.01)**
[25] EN
[54] **MECHANICALLY SYNCHRONIZED ACTUATOR AND METHODS FOR SYNCHRONIZING**
[54] **ACTIONNEUR SYNCHRONISE MECANIQUEMENT ET PROCEDES DE SYNCHRONISATION**
[72] LIU, SHIJIE, US
[72] CAMPBELL, DOUGLAS JEROME, US
[72] BOLINA, ALMIR OLIVEIRA, US
[71] GE AVIATION SYSTEMS LLC, US
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[25] EN
[54] **METHOD OF OPTICALLY LOCATING AN AIRCRAFT RELATIVE TO AN AIRPORT**
[54] **METHODE DE REPERAGE OPTIQUE D'UN AERONEF PAR RAPPORT A UN AEROPORT**
[72] OVENS, NORMAN LEONARD, US
[72] FIGARD, MICHAEL ERIC, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2013-10-24
[41] 2014-05-02
[30] US (13/667,444) 2012-11-02

[21] **2,831,195**
[13] A1

[51] **Int.Cl. E05F 15/18 (2006.01) E05F 15/20 (2006.01) F21V 33/00 (2006.01) H02J 9/06 (2006.01) H02M 7/02 (2006.01) H02P 1/18 (2006.01)**
[25] EN
[54] **BARRIER CONTROL SYSTEM WITH AUXILIARY POWER SUPPLY AND AUXILIARY POWER SUPPLY FOR BARRIER CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE BARRIERE AVEC ALIMENTATION ELECTRIQUE AUXILIAIRE ET ALIMENTATION ELECTRIQUE AUXILIAIRE POUR SYSTEME DE COMMANDE DE BARRIERE**
[72] TSUI, PHILIP Y.W., CN
[72] TSUI, GALEN K.L., CA
[71] TSUI, PHILIP Y.W., CN
[71] TSUI, GALEN K.L., CA
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[21] **2,831,199**
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01) F16C 11/10 (2006.01)**
[25] EN
[54] **WING FOLD SYSTEM WITH LATCH PINS THROUGH MULTIPLE MATING LUGS**
[54] **SYSTEME DE RABATTEMENT D'AILE AVEC GOUPILLES DE VERROUILLAGE A TRAVERS DE MULTIPLES CRANS HOMOLOGUES**
[72] GOOD, MARK STEVEN, US
[72] KORDEL, JAN A., US
[72] PIETERSEN, QUENTIN THEODOR, US
[72] WALKER, STEVEN PAUL, US
[72] JONES, KELLY THOMAS, US
[72] LASSEN, MATTHEW AUGUST, US
[72] HANSKEN, RICKIE, US
[71] THE BOEING COMPANY, US
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[41] 2014-04-30
[30] US (US 14/049,425) 2013-10-09
[30] US (US 61/720,345) 2012-10-30
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 [25] EN
 [54] **DRUG DISPENSING BOX AND CARTRIDGE HAVING MUTUALLY COUPLED STRUCTURE**
 [54] **BOITIER ET CARTOUCHE DE DISTRIBUTION DE MEDICAMENTS COMPORTANT UNE STRUCTURE COUPLEE MUTUELLEMENT**
 [72] KIM, JUN HO, KR
 [71] JVM CO., LTD., KR
 [22] 2013-10-28
 [41] 2014-05-01
 [30] KR (10-2012-0123147) 2012-11-01

[21] **2,831,204**
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 [25] EN
 [54] **INTERNET SEARCH ENGINE BASED ON LOCATION AND PUBLIC OPINION**
 [54] **MOTEUR DE RECHERCHE SUR INTERNET BASE SUR L'EMPLACEMENT ET L'OPINION PUBLIQUE**
 [72] WALTON, ADAM, CA
 [71] INQUESTOR INC., CA
 [22] 2013-10-29
 [41] 2014-04-29
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 [25] FR
 [54] **FASTENING CONNECTOR FOR DOUBLE WALLED PIPING AND ASSEMBLY THUS OBTAINED**
 [54] **CONNECTEUR DE FIXATION D'UNE TUYAUTERIE DOUBLE PEAU ET ASSEMBLAGE OBTENU**
 [72] COURPET, ALEXIS, FR
 [72] BARRE, THOMAS, FR
 [72] BOURBON, OLIVIER, FR
 [72] BITEAU, MATTHIEU, FR
 [72] ROQUES, JEAN-MARC, FR
 [72] ESCANDE, SEBASTIEN, FR
 [72] LENOIR, BRICE, FR
 [71] AIRBUS OPERATIONS SAS, FR
 [22] 2013-10-23
 [41] 2014-04-30
 [30] FR (12 60 420) 2012-10-31

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[51] **Int.Cl. B29C 70/44 (2006.01)**
 [25] EN
 [54] **METHOD FOR MANUFACTURING SLIDE-ROOM FOR RECREATIONAL VEHICLE**
 [54] **PROCEDE DE FABRICATION DE RALLONGE COULISSANTE POUR VEHICULE RECREATIF**
 [72] DAME, DENNIS, US
 [72] CHASE, JEFFREY, US
 [71] COMPOSITE SOLUTIONS, INC., US
 [22] 2013-10-25
 [41] 2014-04-30
 [30] US (61/720,315) 2012-10-30

[21] **2,831,255**
 [13] A1

[51] **Int.Cl. B65D 25/00 (2006.01)**
 [25] EN
 [54] **REUSABLE FOLDABLE SHIPPING CONTAINER**
 [54] **CONTENEUR D'EXPEDITION PLIABLE REUTILISABLE**
 [72] CULLEN, JEFFREY J., CA
 [72] GOODWIN, E. LEIGH, CA
 [71] RODAIR HOLDINGS LTD., CA
 [22] 2013-10-25
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 [30] US (61/720,168) 2012-10-30

[21] **2,831,312**
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[51] **Int.Cl. B25H 3/02 (2006.01) B62D 33/04 (2006.01) E05B 73/00 (2006.01)**
 [25] EN
 [54] **APPARATUS FOR ATTACHING EQUIPMENT**
 [54] **APPAREIL POUR FIXER UN EQUIPEMENT**
 [72] GYLANDER, JODY, CA
 [72] DNESTRIANSCHII, LUCIEN, CA
 [72] MARCOS, JOSEPH, CA
 [71] 1634718 ALBERTA LTD., CA
 [22] 2013-10-30
 [41] 2014-04-30
 [30] CA (2793820) 2012-10-30

[21] **2,831,329**
 [13] A1

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 [54] **MIXING SYSTEMS FOR MIXING OIL SANDS TAILINGS AND POLYMER**
 [54] **SYSTEMES DE MELANGE POUR MELANGER DES RESIDUS DE SABLES BITUMINEUX ET UN POLYMER**
 [72] BARA, BARRY, CA
 [72] MIKULA, RANDY, CA
 [71] SYNCRUDE CANADA LTD., CA
 [22] 2013-10-25
 [41] 2014-04-27
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[21] **2,831,352**
 [13] A1

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 [25] EN
 [54] **CO-PROCESSING OF FLUID FINE TAILINGS AND FRESH OIL SANDS TAILINGS**
 [54] **CO-TRAITEMENT DE RESIDUS FINS FLUIDES ET DE RESIDUS DE SABLES BITUMINEUX FRAIS**
 [72] YUAN, SIMON, CA
 [72] SIMAN, RON, CA
 [71] SYNCRUDE CANADA LTD., CA
 [22] 2013-10-23
 [41] 2014-04-28
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 [13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H02J 15/00 (2006.01)**
 [25] EN
 [54] **POWER GENERATION SYSTEM, BACKUP POWER SUPPLY, DATA CENTER INSTALLATION METHOD, POWER GENERATION SYSTEM CONTROLLER, POWER SYSTEM, AND POWER GENERATION SYSTEM OPERATING METHOD**
 [54] **SYSTEME GENERATEUR D'ENERGIE, ALIMENTATION DE SECOURS, PROCEDE D'INSTALLATION DE CENTRE DE DONNEES, CONTROLEUR DE SYSTEME GENERATEUR D'ENERGIE, SYSTEME ENERGETIQUE ET PROCEDE DE FONCTIONNEMENT DE SYSTEME GENERATEUR D'ENERGIE**
 [72] TOBE, SUMITO, JP
 [72] INAGE, SHINICHI, JP
 [72] TOYOTA, MASASHI, JP
 [72] TSURUGAI, MITSUO, JP
 [72] AKATSU, TOHRU, JP
 [72] IMAI, MIKA, JP
 [71] HITACHI, LTD., JP
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 [54] **MEASUREMENT TOOL**
 [54] **OUTIL DE MESURE**
 [72] KRIJNEN, ANTONIUS DIMPHENA MARIA, NL
 [72] VERHOEF, RICHARD, NL
 [71] NATIONAL OILWELL VARCO L.P., US
 [22] 2013-10-29
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[21] **2,831,393**
 [13] A1

[51] **Int.Cl. C07C 2/62 (2006.01) B01J 14/00 (2006.01) B01J 19/18 (2006.01)**
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 [54] **REACTOR AND ALKYLATION PROCESS USING THE REACTOR**
 [54] **REACTEUR ET PROCEDE D'ALKYLATION UTILISANT LE REACTEUR**
 [72] FANG, XIANGCHEN, CN
 [72] PENG, DEQIANG, CN
 [72] QI, HUIMIN, CN
 [72] LI, XIN, CN
 [72] WANG, YAN, CN
 [72] CHEN, JIANBING, CN
 [72] WANG, LUYAO, CN
 [72] LIU, ZHIYU, CN
 [72] CHEN, XIN, CN
 [72] ZHANG, SHENGZHONG, CN
 [71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
 [71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS SINOPEC, CN
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 [54] **TEST RIG**
 [54] **BANC D'ESSAI**
 [72] JENSEN, BRIAN GABE, DK
 [71] SIEMENS AKTIENGESELLSCHAFT, DE
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 [13] A1

[51] **Int.Cl. A01G 7/00 (2006.01)**
 [25] EN
 [54] **A PLANT MANIPULATOR**
 [54] **MANIPULATEUR DE PLANTES**
 [72] AKANA, STEPHEN JAY, US
 [71] AKANA, STEPHEN JAY, US
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 [54] **SYSTEM AND METHOD FOR PURCHASING AN ITEM AT A COMPUTING DEVICE**
 [54] **SYSTEME ET PROCEDE POUR ACHETER UN ELEMENT A UN DISPOSITIF INFORMATIQUE**
 [72] RACINE-KINNEAR, RENEE, CA
 [72] PAGE, CHRIS, CA
 [71] INDIGO BOOKS & MUSIC INC., CA
 [22] 2013-10-28
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 [13] A1

[51] **Int.Cl. B60W 30/18 (2012.01) B60W 40/105 (2012.01)**
 [25] EN
 [54] **FLEXIBLE MAXIMUM VEHICLE SPEED METHOD**
 [54] **PROCEDE DE LIMITATION DE LA VITESSE MAXIMALE D'UN VEHICULE FLEXIBLE**
 [72] SLATON, ZACHARY, US
 [72] BALTON, CHRISTOPHER, US
 [72] REPKO, MICHAEL, US
 [72] KUMAR, SURESH, US
 [71] PACCAR INC, US
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[21] **2,831,508**
 [13] A1

[51] **Int.Cl. E03F 5/04 (2006.01) E03C 1/12 (2006.01)**
 [25] EN
 [54] **ROUGH-IN ADAPTER**
 [54] **ADAPTATEUR BRUT**
 [72] WROBLEWSKI, DOUGLAS R., US
 [72] VERDECCHIA, WILLIAM A., US
 [72] MAJOCKA, CHRISTOPHER A., US
 [71] ZURN INDUSTRIES, LLC, US
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 [30] US (61/886,319) 2013-10-03
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[54] **CONTROL CIRCUIT FOR AN APPARATUS**
[54] **CIRCUIT DE COMMANDE POUR UN APPAREIL**
[72] ALFTHAN, ARTO, FI
[71] WARATAH OM OY, FI
[22] 2013-10-29
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[30] FI (20126121) 2012-10-29

[21] 2,831,519
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[51] Int.Cl. F02C 7/10 (2006.01) F28D 1/00 (2006.01)
[25] EN
[54] **RECUPERATOR FOR GAS TURBINE ENGINE**
[54] **RECUPERATEUR POUR MOTEUR A TURBINE A GAZ**
[72] GEKHT, EUGENE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-10-28
[41] 2014-04-30
[30] US (13/664,579) 2012-10-31

[21] 2,831,527
[13] A1

[51] Int.Cl. H04L 9/00 (2006.01) H04W 12/02 (2009.01) H04L 9/32 (2006.01) H04L 12/12 (2006.01) H04L 12/26 (2006.01) H04M 1/66 (2006.01) H04M 1/68 (2006.01) H04M 3/436 (2006.01)
[25] EN
[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR VALIDATING CALL CONNECTIONS**
[54] **SYSTEME ET PROCEDE INFORMATISES POUR VALIDER DES CONNEXIONS D'APPEL**
[72] MILSTEIN, DAVID, US
[71] INTELISIST, INC., US
[22] 2013-10-31
[41] 2014-04-30
[30] US (61/720,954) 2012-10-31
[30] US (14/067,853) 2013-10-30

[21] 2,831,529
[13] A1

[51] Int.Cl. B28B 19/00 (2006.01) A47B 96/18 (2006.01) B32B 13/00 (2006.01) B32B 37/24 (2006.01) E04C 2/04 (2006.01) E04C 2/26 (2006.01)
[25] EN
[54] **LAMINATE CONCRETE PANELS FOR USE AS COUNTERTOPS OR THE LIKE**
[54] **PANNEAUX STRATIFIES A BASE DE BETON A UTILISER COMME REVETEMENT DE COMPTOIR OU ELEMENT SIMILAIRE**
[72] SAWATSKY, MADISON T. J., CA
[72] SAWATSKY, SHERIDAN R. M., CA
[72] SAWATSKY, TIMOTHY J., CA
[71] SAWATSKY, MADISON T. J., CA
[71] SAWATSKY, SHERIDAN R. M., CA
[71] SAWATSKY, TIMOTHY J., CA
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[30] US (61/719,659) 2012-10-29

[21] 2,831,534
[13] A1

[51] Int.Cl. G08B 21/02 (2006.01) H04W 4/00 (2009.01) H04W 84/20 (2009.01) G01S 19/16 (2010.01) A61B 5/01 (2006.01) A61B 5/024 (2006.01) G01K 1/02 (2006.01)
[25] EN
[54] **LOCATOR DEVICE PRIMARILY FOR CHILDREN**
[54] **DISPOSITIF LOCALISATEUR, PRINCIPALEMENT POUR LES ENFANTS**
[72] VAN ESSEN, VINCENT G., CA
[71] VANNICK ENTERPRISES LTD., CA
[22] 2013-10-29
[41] 2014-04-29
[30] US (61/719,687) 2012-10-29
[30] US (61/823,492) 2013-05-15

[21] 2,831,574
[13] A1

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[25] EN
[54] **CERAMIC COATING WITH IMPROVED SCRATCH RESISTANCE AND THERMAL CONDUCTION PROPERTIES**
[54] **REVETEMENT CERAMIQUE A RESISTANCE AUX EGRATIGNURES ET PROPRIETES DE CONDUCTION THERMIQUE AMELIOREES**
[72] PERILLON, JEAN-LUC, FR
[72] DUBANCHET, AURELIEN, FR
[72] CAILLIER, LAURENT, FR
[71] SEB SA, FR
[22] 2013-10-25
[41] 2014-04-30
[30] FR (1260431) 2012-10-31

[21] 2,831,586
[13] A1

[51] Int.Cl. E21B 33/128 (2006.01)
[25] EN
[54] **PRODUCTION STRING ACTIVATED WELLBORE SEALING APPARATUS AND METHOD FOR SEALING A WELLBORE USING A PRODUCTION STRING**
[54] **APPAREIL D'ETANCHEMENT DE Puits de Forage Active Par Tige de Production Et Procédé Pour Etancheifier Un Puits de Forage Au Moyen D'une Tige de Production**
[72] SKARSEN, JARRETT LANE, CA
[72] CARR, CAMERON ELIOT, CA
[71] SKARSEN, JARRETT LANE, CA
[71] CARR, CAMERON ELIOT, CA
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[41] 2014-04-29
[30] US (61/719,765) 2012-10-29

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[21] 2,831,683
[13] A1

[51] Int.Cl. E21B 43/24 (2006.01) E21B 43/12 (2006.01)

[25] EN

[54] **METHOD AND APPARATUS FOR THE DOWNHOLE INJECTION OF SUPERHEATED STEAM**

[54] **PROCEDE ET APPAREIL D'INJECTION DE VAPEUR SURCHAUFFEE DANS UN PUIT DE FORAGE**

[72] TURNER, JIMMY L., US

[72] GRAIBUS, RICHARD B., US

[72] MCCULLOUGH, CHARLES T., US

[72] WILLIAMS, DENNIS K., US

[71] TRIMETECOR OIL AND GAS CORPORATION, US

[22] 2013-10-30

[41] 2014-05-02

[30] US (61/721,618) 2012-11-02

[30] US (14/064,784) 2013-10-28

[21] 2,831,755
[13] A1

[51] Int.Cl. C10G 9/20 (2006.01)

[25] EN

[54] **HEAT TRANSFER TUBE AND CRACKING FURNACE USING THE HEAT TRANSFER TUBE**

[54] **TUBE DE TRANSFERT DE CHALEUR ET FOURNEAU DE CRAQUAGE UTILISANT LE TUBE DE TRANSFERT DE CHALEUR**

[72] WANG, GUOQING, CN

[72] ZHANG, LIJUN, CN

[72] ZHOU, XIANFENG, CN

[72] LIU, JUNJIE, CN

[72] DU, ZHIGUO, CN

[72] ZHANG, YONGGANG, CN

[72] ZHOU, CONG, CN

[72] ZHANG, ZHAOBIN, CN

[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN

[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN

[22] 2013-10-28

[41] 2014-04-30

[30] CN (CN 201210426112.4) 2012-10-30

[21] 2,831,757
[13] A1

[51] Int.Cl. B65H 5/08 (2006.01) B65B 25/06 (2006.01) B65H 3/08 (2006.01) B65H 5/06 (2006.01)

[25] EN

[54] **BACON CARD FEEDING SYSTEM**

[54] **SYSTEME D'ALIMENTATION DE CARTES POUR BACON**

[72] CORALLO, CHARLES S., US

[72] NAIMO, RENZO, US

[72] TANEY, AARON, US

[72] ELY, ALLEN, US

[71] PACKAGING PROGRESSIONS, INC., US

[22] 2013-10-30

[41] 2014-05-02

[30] US (61/721,722) 2012-11-02

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[13] A1

[51] Int.Cl. A47G 25/84 (2006.01) A47C 1/00 (2006.01) A47C 9/00 (2006.01) A63C 3/06 (2006.01)

[25] EN

[54] **PORTABLE SPORT FOOTWEAR LACING CHAIR**

[54] **CHAISE DE LACAGE DE CHAUSSURES DE SPORT PORTATIVE**

[72] MISHICA, JASON, US

[71] LACE A SKATE LLC, US

[22] 2013-11-01

[41] 2014-05-02

[30] US (61/721,721) 2012-11-02

[21] 2,831,768
[13] A1

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[25] EN

[54] **MODULAR HIGH VOLTAGE SENSING UNIT**

[54] **UNITE DE DETECTION DE TENSION ELEVEE MODULAIRE**

[72] FONG, ROBERT, US

[72] GARDNER, DANIEL L., US

[72] AYALA, WILLIAM, US

[71] THOMAS & BETTS INTERNATIONAL, INC., US

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[41] 2014-05-02

[30] US (61/721,549) 2012-11-02

[30] US (14/036,752) 2013-09-25

[21] 2,831,782
[13] A1

[51] Int.Cl. E04H 12/22 (2006.01)

[25] EN

[54] **ADJUSTABLE MONOPOLE SUPPORT STRUCTURE**

[54] **STRUCTURE DE SOUTIEN MONOTUBE REGLABLE**

[72] FAIRBAIRN, MARK H., US

[71] THOMAS & BETTS INTERNATIONAL, INC., US

[22] 2013-10-30

[41] 2014-05-01

[30] US (61/721,167) 2012-11-01

[30] US (14/056,639) 2013-10-17

[21] 2,831,795
[13] A1

[51] Int.Cl. C09D 11/322 (2014.01)

[25] EN

[54] **SOLID RED INK FORMULATIONS**

[54] **FROMULATIONS D'ENCRE ROUGE SOLIDE**

[72] FARRUGIA, VALERIE M., CA

[72] ALLEN, C. GEOFFREY, CA

[72] WOSNICK, JORDAN, CA

[72] ROTBERG, ERIC, CA

[72] MOFFAT, KAREN A., CA

[72] VEREGIN, RICHARD P.N., CA

[72] YANG, SUXIA, CA

[72] ABRAHAM, BIBBY E., CA

[71] XEROX CORPORATION, US

[22] 2013-10-30

[41] 2014-05-02

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[21] 2,831,804
[13] A1

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[25] EN

[54] **POLYMERIZED CHARGE ENHANCED SPACER PARTICLE**

[54] **PARTICULE D'ESPACEMENT AMELIOREE A CHARGE POLYMERISEE**

[72] BAYLEY, ROBERT D., US

[72] SWEENEY, MAURA A., US

[72] KMIĘCIK-LAWRYNOWICZ, GRAZYNA E., US

[71] XEROX CORPORATION, US

[22] 2013-10-30

[41] 2014-05-02

[30] US (13/667,448) 2012-11-02

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[13] A1

[51] Int.Cl. G01V 1/36 (2006.01)
[25] EN
[54] REMOVING GHOST
REFLECTIONS FROM MARINE
SEISMIC DATA
[54] ELIMINATION DES REFLEXIONS
FANTOMES DANS LES DONNEES
SISMQUES MARINES
[72] SYNNEVAAG, JOHAN-FREDRIK, FR
[71] CGG MARINE (NORWAY) AG, NO
[22] 2013-11-01
[41] 2014-05-01
[30] US (61/721,234) 2012-11-01
[30] US (61/722,204) 2012-11-04

[21] 2,831,886
[13] A1

[51] Int.Cl. G03G 9/09 (2006.01)
[25] EN
[54] RED TONERS
[54] ENCRE EN POUDRE ROUGES
[72] FARRUGIA, VALERIE M., CA
[72] WOSNICK, JORDAN H., CA
[72] ROTBERG, ERIC, CA
[72] MOFFAT, KAREN A., CA
[72] VEREGIN, RICHARD P N., CA
[72] YANG, SUXIA, CA
[72] ALLEN, C. GEOFFREY, CA
[71] XEROX CORPORATION, US
[22] 2013-10-30
[41] 2014-05-02
[30] US (13/667,979) 2012-11-02

[21] 2,831,889
[13] A1

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[25] EN
[54] TONER COMPOSITIONS
[54] COMPOSITIONS D'ENCRE EN
POUDRE
[72] SWEENEY, MAURA A., US
[72] BAYLEY, ROBERT D., US
[72] KMIECIK-LAWRYNOWICZ,
GRAZYNA E., US
[72] WANG, BRIAN S., US
[71] XEROX CORPORATION, US
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[41] 2014-05-01
[30] US (13/666,856) 2012-11-01

[21] 2,831,925
[13] A1

[51] Int.Cl. H03M 13/27 (2006.01) H03M
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[25] EN
[54] INTERLEAVER EMPLOYING
QUOTIENT-REMAINDER
REORDERING
[54] SYSTEME D'ENTRELACEMENT
EMPLOYANT LE
REORDONNANCEMENT DE
RESTE DE QUOTIENT
[72] HARRIS-DOWSETT, DAMIAN
KELLY, GB
[71] BLACKBERRY LIMITED, CA
[22] 2013-10-31
[41] 2014-05-02
[30] EP (12191162.2) 2012-11-02

[21] 2,831,928
[13] A1

[51] Int.Cl. E21B 43/22 (2006.01) E21B
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[25] EN
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INCREASING FLUID MOBILITY
IN A HEAVY OIL RESERVOIR
[54] PROCESSUS MICROBIENS POUR
AUGMENTER LA MOBILITE
D'UN FLUIDE DANS UN
RESERVOIR D'HUILE LOURDE
[72] BRACHO DOMINGUEZ, ROSANA
PATRICIA, CA
[72] BEN-ZVI, AMOS, CA
[72] PUGH, KIRSTEN AMY YEATES, CA
[72] GUPTA, SUBODH, CA
[71] BRACHO DOMINGUEZ, ROSANA
PATRICIA, CA
[71] BEN-ZVI, AMOS, CA
[71] PUGH, KIRSTEN AMY YEATES, CA
[71] GUPTA, SUBODH, CA
[22] 2013-11-01
[41] 2014-05-01
[30] US (61/721,452) 2012-11-01

[21] 2,831,946
[13] A1

[51] Int.Cl. F02C 9/28 (2006.01) B64C
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F01D 21/14 (2006.01) F02C 9/26
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[25] EN
[54] ROTOR RESONANCE
DISTURBANCE REJECTION
CONTROLLER
[54] CONTROLEUR DE REJET DE
PERTURBATION DE RESONANCE
DE ROTOR
[72] FICKLSCHIERER, PETER, DE
[71] PRATT & WHITNEY CANADA
CORP., CA
[22] 2013-10-31
[41] 2014-05-02
[30] US (13/667,705) 2012-11-02

[21] 2,831,948
[13] A1

[51] Int.Cl. C10M 163/00 (2006.01) C10M
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[25] EN
[54] MARINE ENGINE LUBRICATION
[54] LUBRIFICATION DE MOTEUR
MARIN
[72] GLASS, ROBERT JAMES, GB
[72] BISHOP, HELEN, GB
[72] CHIECINSKA, AGATA, GB
[71] INFINEUM INTERNATIONAL
LIMITED, GB
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[41] 2014-05-02
[30] EP (12191060.8) 2012-11-02

[21] 2,831,980
[13] A1

[51] Int.Cl. F04C 2/107 (2006.01) F04C
15/00 (2006.01)
[25] EN
[54] LIGHTWEIGHT AND FLEXIBLE
ROTORS FOR POSITIVE
DISPLACEMENT DEVICES
[54] ROTORS LEGERS ET FLEXIBLES
POUR DISPOSITIFS A
DEPLACEMENT POSITIF
[72] KITCHING, ALAN H., US
[71] NATIONAL OILWELL VARCO, L.P.,
US
[22] 2013-11-01
[41] 2014-05-01
[30] US (61/721,119) 2012-11-01

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[13] A1

[51] **Int.Cl. F25B 41/00 (2006.01) F25B 39/00 (2006.01) F28F 17/00 (2006.01) F28F 27/02 (2006.01)**

[25] EN

[54] **AUXILIARY HEAT EXCHANGERS**

[54] **ECHANGEURS DE CHALEUR AUXILIAIRES**

[72] USELTON, ROBERT B. "DUTCH", US

[71] LENNOX INTERNATIONAL INC., US

[22] 2013-10-30

[41] 2014-04-30

[30] US (13/663,778) 2012-10-30

[21] **2,831,984**
[13] A1

[51] **Int.Cl. G01P 5/165 (2006.01)**

[25] EN

[54] **ICE RESISTANT PITOT TUBE**

[54] **TUBE DE PITOT RESISTANT AU GIVRAGE**

[72] SEIDEL, GREG, US

[72] GOLLY, TIMOTHY THOMAS, US

[72] JOHNSON, PAUL ROBERT, US

[71] ROSEMOUNT AEROSPACE, INC., US

[22] 2013-10-30

[41] 2014-04-30

[30] US (61/720,643) 2012-10-31

[21] **2,831,985**
[13] A1

[51] **Int.Cl. F04D 29/22 (2006.01) F04D 7/06 (2006.01) F04D 29/24 (2006.01)**

[25] EN

[54] **AN IMPROVED IMPELLER FOR A CENTRIFUGAL SLURRY PUMP**

[54] **ROTOR AMELIORE POUR POMPE A BOUE CENTRIFUGE**

[72] CHIOVELLI, STEFANO, CA

[72] MACNEIL, DANIEL, CA

[72] OBAIA, KHALED, CA

[72] REID, DAMIEN, CA

[72] ROTH, HUGH, CA

[72] TIEU, JOHN, CA

[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, CA

[22] 2013-10-29

[41] 2014-04-30

[30] US (61/720,122) 2012-10-30

[21] **2,832,051**
[13] A1

[51] **Int.Cl. B60N 3/02 (2006.01)**

[25] EN

[54] **MOUNTING STRUCTURE OF ASSIST GRIP**

[54] **STRUCTURE DE MONTAGE DE POIGNEE DE MAINTIEN**

[72] INOUE, MASASHI, JP

[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP

[71] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP

[22] 2013-10-30

[41] 2014-04-30

[30] JP (P2012-240527) 2012-10-31

[21] **2,832,065**
[13] A1

[51] **Int.Cl. H01R 13/70 (2006.01) H01R 13/53 (2006.01) H01R 13/71 (2006.01)**

[25] EN

[54] **INTERNALLY SWITCHED FEMALE RECEPTACLE OR CONNECTOR WITH PLUG-LATCHING SAFETY INTERLOCK**

[54] **PRISE FEMELLE OU CONNECTEUR COMMUTE A L'INTERNE AVEC VERROUILLAGE DE SECURITE A VERROUILLAGE DE FICHE**

[72] CONDO, MARK A., US

[72] SCANZILLO, THOMAS L., US

[72] VALENTIN, WILLIAM R., US

[72] DIETZ, WILLIAM H., US

[71] HUBBELL INCORPORATED, US

[22] 2013-11-01

[41] 2014-05-02

[30] US (61/722,001) 2012-11-02

[30] US (13/815,726) 2013-03-15

[21] **2,832,070**
[13] A1

[51] **Int.Cl. G01P 21/00 (2006.01) F03D 7/02 (2006.01) F03D 11/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CALIBRATING A WIND VANE OF A WIND TURBINE**

[54] **SYSTEME ET PROCEDE POUR CALIBRER UNE GIROUETTE D'UNE EOLIENNE**

[72] PELLETIER, FRANCOIS, CA

[72] TAHAN, SOUHEIL-ANTOINE, CA

[71] GESTION VALEO S.E.C., CA

[22] 2013-10-30

[41] 2014-04-30

[30] US (61/720,145) 2012-10-30

[21] **2,832,076**
[13] A1

[51] **Int.Cl. F01D 21/02 (2006.01) B64D 31/00 (2006.01) B64D 37/32 (2006.01) F02C 7/22 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF PROTECTING AN ENGINE AND OTHER AIRCRAFT COMPONENTS FROM DAMAGE THAT MAY OTHERWISE OCCUR FROM A FUEL CONTROL UNIT FAILURE**

[54] **SYSTEME ET PROCEDE POUR PROTEGER UN MOTEUR ET D'AUTRES COMPOSANTS D'AERONEF CONTRE LES DOMMAGES POUVANT ETRE CAUSES PAR LA DEFAILLANCE D'UN REGULATEUR DE CARBURANT**

[72] SCHAEFFER, JOSEPH M., US

[72] KOUROS, AREIAN A., US

[72] CAWELTI, CHRISTOPHER, US

[72] MOORE, CURTIS, US

[72] TRANHAM, MICHAEL D., US

[71] BELL HELICOPTER TEXTRON INC., US

[22] 2013-10-30

[41] 2014-05-02

[30] US (13/667,441) 2012-11-02

[21] **2,832,089**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/16 (2009.01) H04W 88/06 (2009.01)**

[25] EN

[54] **SYSTEM, APPARATUS AND METHOD FOR ESTABLISHING A CALL FROM A MOBILE DEVICE**

[54] **SYSTEME, APPAREIL ET PROCEDE POUR ETABLIR UN APPEL A PARTIR D'UN APPAREIL MOBILE**

[72] ELIZAROV, MICHAEL, CA

[72] ZENG, XIMING, CA

[72] PREST, CHRISTOPHER EDWARD, CA

[71] BLACKBERRY LIMITED, CA

[22] 2013-11-04

[41] 2014-05-02

[30] EP (12191132.5) 2012-11-02

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[21] **2,832,128**
 [13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**
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 [54] **DIMMING FOR CONSTANT CURRENT LED DRIVER CIRCUIT**
 [54] **GRADATION POUR CIRCUIT DE COMMANDE DE DEL A COURANT CONSTANT**
 [72] WU, MINGLIANG, US
 [71] RAB LIGHTING INC., US
 [22] 2013-10-31
 [41] 2014-05-02
 [30] US (61/721,766) 2012-11-02

[21] **2,832,132**
 [13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) G05D 23/19 (2006.01)**
 [25] EN
 [54] **MULTI-USE SEGMENTS OF TOUCH SCREEN CONTROL**
 [54] **SEGMENTS MULTI-UTILISATIONS DE COMMANDE PAR ECRAN TACTILE**
 [72] POPLAWSKI, DANIEL S., US
 [71] BRAEBURN SYSTEMS LLC, US
 [22] 2013-11-01
 [41] 2014-05-01
 [30] US (61/721,147) 2012-11-01

[21] **2,832,133**
 [13] A1

[51] **Int.Cl. E04H 4/06 (2006.01) A61H 33/00 (2006.01)**
 [25] EN
 [54] **TIE DOWN FOR A SPA COVER LIFTER**
 [54] **DISPOSITIF D'ARRIMAGE POUR SYSTEME DE LEVAGE DE COUVERCLE DE PISCINE THERMALE**
 [72] CUNERTY, JOHN, CA
 [71] SMP SPECIALTY METAL PRODUCTS LTD., CA
 [22] 2013-11-01
 [41] 2014-05-02
 [30] US (13/668,092) 2012-11-02

[21] **2,832,175**
 [13] A1

[51] **Int.Cl. A61C 7/08 (2006.01) A61C 5/14 (2006.01) A63B 71/08 (2006.01)**
 [25] EN
 [54] **MOUTH GUARD WITH BREATHING AND DRINKING APERTURE**
 [54] **PROTEGE-DENTS AVEC OUVERTURE PERMETTANT DE RESPIRER ET DE BOIRE**
 [72] EVANS, MICHAEL, US
 [72] EVANS, JEFFREY M., US
 [72] CIRCO, CHRISTOPHER W., US
 [71] BATTLE SPORTS SCIENCE, LLC, US
 [22] 2013-11-01
 [41] 2014-05-01
 [30] US (13/666,698) 2012-11-01

[21] **2,832,180**
 [13] A1

[51] **Int.Cl. B62D 55/104 (2006.01) B60G 99/00 (2010.01) B62D 55/04 (2006.01)**
 [25] EN
 [54] **TRACK SUSPENSION**
 [54] **SUSPENSION POUR CHENILLE**
 [72] NAGORCKA, JAMES A., AU
 [72] ALLEN, L YAL D., AU
 [71] VEYANCE TECHNOLOGIES, INC., US
 [22] 2013-11-01
 [41] 2014-05-02
 [30] US (61/721,602) 2012-11-02

[21] **2,832,223**
 [13] A1

[51] **Int.Cl. G06F 12/02 (2006.01)**
 [25] EN
 [54] **MULTI-PORT SHARED CACHE APPARATUS**
 [54] **APPAREIL POUR CACHE PARTAGE A PORTS MULTIPLES**
 [72] DUGGINS, SIMON JOHN, GB
 [71] BLACKBERRY LIMITED, CA
 [22] 2013-11-01
 [41] 2014-05-02
 [30] EP (12191143.2) 2012-11-02

[21] **2,832,254**
 [13] A1

[51] **Int.Cl. G09F 9/00 (2006.01) H04W 4/00 (2009.01) G08G 1/048 (2006.01) G08G 1/09 (2006.01)**
 [25] EN
 [54] **ELECTRONIC PLACARD**
 [54] **PANCARTE ELECTRONIQUE**
 [72] TRAHAN, PHILIPPE, CA
 [72] TRAHAN, LOUIS, CA
 [71] TRAHAN TECH INC., CA
 [22] 2013-10-31
 [41] 2014-05-02
 [30] US (61/721635) 2012-11-02

[21] **2,832,474**
 [13] A1

[51] **Int.Cl. A01K 89/00 (2006.01)**
 [25] EN
 [54] **IMPROVED REEL ASSEMBLY**
 [54] **ENSEMBLE DE DEVIDOIR AMELIORE**
 [72] PHILLIPS, WILLIAM, US
 [72] UFFNER, MICHAEL, US
 [72] VOGLER, MICHAEL, US
 [71] SUNCAST TECHNOLOGIES, LLC, US
 [22] 2013-10-31
 [41] 2014-05-02
 [30] US (13/667,766) 2012-11-02

[21] **2,833,230**
 [13] A1

[51] **Int.Cl. B62J 1/28 (2006.01) B60N 2/64 (2006.01) B62J 1/00 (2006.01)**
 [25] EN
 [54] **BACKREST FOR A STRADDLE-SEAT VEHICLE**
 [54] **DOSSIER POUR VEHICULE A SIEGE DE TYPE SELLE**
 [72] GRONDIN, PATRICK, CA
 [72] LABBE, DAVID, CA
 [71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
 [22] 2013-10-31
 [41] 2014-04-30
 [30] US (61/720,647) 2012-10-31

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[21] 2,838,113
[13] A1

[51] Int.Cl. C25C 3/16 (2006.01) C25C 3/08 (2006.01)

[25] EN

[54] **LOW RESISTANCE ELECTRODE ASSEMBLIES FOR PRODUCTION OF METALS**

[54] **ENSEMBLES D'ELECTRODES A FAIBLE RESISTANCE A UTILISER POUR LA PRODUCTION DE METAUX**

[72] BERENDS, WILLIAM R. P., CA

[71] HATCH LTD., CA

[22] 2013-12-16

[41] 2014-05-01

[21] 2,842,974
[13] A1

[51] Int.Cl. G09F 3/18 (2006.01) A47F 13/00 (2006.01) G09F 7/18 (2006.01)

[25] EN

[54] **SHELF LABEL HOLDER**

[54] **PORTE-ETIQUETTE POUR ETAGERE**

[72] THEISEN, JENNIFER A., US

[72] ZOBEL, ERIN L., US

[72] STAFFORD, WILLIAM Y., US

[72] GRAY, ROBERT M., US

[71] TARGET BRANDS, INC., US

[22] 2014-02-18

[41] 2014-04-30

[30] US (14/021,217) 2013-09-09

[21] 2,843,089
[13] A1

[51] Int.Cl. A47F 5/00 (2006.01) A47F 5/04 (2006.01) A47F 5/11 (2006.01)

[25] EN

[54] **CROSS-MERCHANDISING DISPLAY FIXTURE**

[54] **PRESENTOIR DE MARCHANDISAGE DE PRODUITS ASSOCIES**

[72] HAWKINS, LAURA L., US

[71] TARGET BRANDS, INC., US

[22] 2014-02-18

[41] 2014-04-30

[30] US (14/018,824) 2013-09-05

[21] 2,841,648
[13] A1

[51] Int.Cl. F16B 12/00 (2006.01) A47B 88/04 (2006.01) A47B 96/00 (2006.01)

[25] EN

[54] **PANEL DISMOUNTING AND LOCKING MECHANISM OF DRAWER**

[54] **MECANISME DE DEMONTAGE ET DE VERROUILLAGE DE PANNEAUX D'UN TIROIR**

[72] NG, TAI WAI, CN

[71] GUANGDONG TAIMING METAL PRODUCTS CO. LTD, CN

[22] 2014-02-04

[41] 2014-04-30

[30] CN (201310530363.1) 2012-10-31

[21] 2,843,087
[13] A1

[51] Int.Cl. B65F 9/00 (2006.01) A47F 13/00 (2006.01) B09B 5/00 (2006.01) B65C 9/00 (2006.01) B65C 9/46 (2006.01) B65G 1/00 (2006.01) G06Q 99/00 (2006.01) G06K 9/18 (2006.01) G07G 5/00 (2006.01)

[25] EN

[54] **MANAGEMENT OF ENVIRONMENTALLY SENSITIVE ITEM DISPOSITION**

[54] **GESTION DE DISPOSITION D'ELEMENTS SENSIBLES SUR LE PLAN ENVIRONNEMENTAL**

[72] EVENSON, AMY D., US

[72] KANDIKONDA, VENKATA NANDAKISHORE, US

[72] DWINNELL, HEIDI K., US

[72] EIKAM, COREY M., US

[72] KLECKER, BROOKE R., US

[72] MAKAL, KIM M., US

[72] SCHREIFELS, BRUCE A., US

[71] TARGET BRANDS, INC., US

[22] 2014-02-18

[41] 2014-04-30

[30] US (14/109,344) 2013-12-17

[21] 2,843,091
[13] A1

[51] Int.Cl. A63B 63/00 (2006.01) A63F 9/02 (2006.01) B31D 5/04 (2006.01) B42D 15/00 (2006.01) B65D 5/18 (2006.01) F41J 1/00 (2006.01)

[25] EN

[54] **TARGET FOR A PROJECTILE TOSSING GAME**

[54] **CIBLE POUR UN JEU DE LANCEMENT DE PROJECTILES**

[72] REILE, EMILY, US

[72] RIDER, SAGE C., US

[72] ROCHE, JULIE, US

[72] WANG, ANNIE YILING, US

[72] SZWED, DUSTIN, US

[72] MEHLING, DANIEL, US

[71] TARGET BRANDS, INC., US

[22] 2014-02-18

[41] 2014-04-30

[30] US (14/100,267) 2013-12-09

[21] 2,842,970
[13] A1

[51] Int.Cl. G06Q 30/02 (2012.01) G06F 3/14 (2006.01)

[25] EN

[54] **RETAIL WEBSITE USER INTERFACE, SYSTEMS AND METHODS**

[54] **INTERFACE UTILISATEUR POUR SITE WEB DE DETAIL, SYSTEMES ET PROCEDES CONNEXES**

[72] ALCOTT, JENNIFER, US

[72] WEBER, CHAD, US

[72] STROMQUIST, PETER, US

[72] DINGMAN, JOSH, US

[72] STENZINGER, ROBERT, US

[72] NETLAND, NICOLE, US

[72] ROUX, THIHAULT, US

[71] TARGET BRANDS, INC., US

[22] 2014-02-18

[41] 2014-04-30

[30] US (14/140,901) 2013-12-26

[21] 2,843,092
[13] A1

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[72] KNOLL, MITCHELL, US

[72] FLOERSCH, DAVID J., US

[71] TARGET BRANDS, INC., US

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[54] **MANUAL SHOVEL ACCESSORY
AND SHOVEL APPARATUS WITH
REAR END FULCRUM AND
FRONT AND REAR UPRIGHT
HANDLES**

[54] **ACCESSOIRE POUR PELLE
MANUELLE ET APPAREIL POUR
PELLE AVEC POINT D'APPUI
ARRIERE ET POIGNEES
VERTICALES AVANT ET
ARRIERE**

[72] CORDEIRO, OLAVO, CA

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[71] MADDISON, RONALD, CA

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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING AND DISTRIBUTING AUDIO-VISUAL CONTENT**
[54] **SYSTEME ET METHODE POUR PRODUIRE ET DISTRIBUER UN CONTENU AUDIOVISUEL**
[72] MARCUS, MORT, US
[72] BERNSTEIN, IRA, US
[71] LIONS GATE ENTERTAINMENT INC., US
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[54] **ANTI-TUMOR AGENT OTX-008 TARGETS HUMAN GALECTIN-1**
[54] **AGENT ANTITUMORAL OTX-008 CIBLANT LA GALECTINE-1 HUMAINE**
[72] MAYO, KEVIN H., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **INTERACTIVE CLAMP FORCE CONTROL SYSTEM FOR LOAD HANDLING CLAMPS**
[54] **SYSTEME DE COMMANDE DE FORCE DE SERRAGE INTERACTIF POUR PINCES DE MANUTENTION DE CHARGE**
[72] MCKERNAN, PAT S., US
[72] NAGLE, GREGORY A., US
[71] CASCADE CORPORATION, US
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[54] **METHOD, DEVICE, SYSTEM AND STORAGE MEDIUM FOR IMPLEMENTING PACKET TRANSMISSION IN PCIE SWITCHING NETWORK**
[54] **PROCEDE, DISPOSITIF, SYSTEME ET SUPPORT DE STOCKAGE POUR LA MISE EN -UVRE DE LA TRANSMISSION DE PAQUETS DANS UN RESEAU DE COMMUTATION PCIE**
[72] SU, DEXIAN, CN
[72] YAO, YIMIN, CN
[72] WANG, JING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **TREATMENT OF COAGULATION DISEASE BY ADMINISTRATION OF RECOMBINANT VWF**
[54] **TRAITEMENT D'UNE MALADIE DE LA COAGULATION PAR L'ADMINISTRATION DU FVW RECOMBINANT**
[72] SCHEIFLINGER, FRIEDRICH, AT
[72] TURECEK, PETER, AT
[72] EWENSTEIN, BRUCE, US
[72] WONG, WING YEN, US
[72] SUITER, TOBIAS M., AT
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
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[54] **HAND-TEARABLE MASKING TAPE WITH LOW ADHESION BACKSIZE**
[54] **RUBAN-CACHE DECHIRABLE A LA MAIN A APPRET A FAIBLE ADHERENCE**
[72] BARTUSIAK, JOSEPH T., US
[72] KUMAR, RAMESH C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCESS FOR RECOVERY OF TECHNICAL GRADE MOLYBDENUM FROM DILUTED LEACHING ACID SOLUTIONS (PLS), WITH HIGHLY CONCENTRATED ARSENIC, FROM METALLURGICAL RESIDUES**
[54] **PROCEDE DE RECUPERATION DE MOLYBDENE DE QUALITE TECHNIQUE A PARTIR DE SOLUTIONS ACIDES DILUEES DE LIXIVIATION, HAUTEMENT CONCENTREES EN ARSENIC PROVENANT DE RESIDUS METALLURGIQUES**
[72] LAGNO SANCHEZ, FELIPE ANDRES, CL
[72] SEPULVEDA LETELIER, RICARDO FERNANDO, CL
[72] ACUNA GOYCOLEA, MARCELO GUSTAVO, CL
[71] ECOMETALES LIMITED, CL
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[54] **PROCESS AND CONTRIVANCE FOR THE RECYCLING OF WASTE GAS FROM A GAS TURBINE WITH DOWNSTREAM WASTE HEAT BOILER**
[54] **PROCEDE ET DISPOSITIF DESTINES AU RECYCLAGE DE GAZ D'ECHAPPEMENT EN PROVENANCE D'UNE TURBINE A GAZ, COMPORTANT EN AVAL UNE CHAUDIERE DE RECUPERATION**
[72] THIELERT, HOLGER, DE
[72] VON MORSTEIN, OLAF, DE
[72] SCHONEBERGER, JAN, DE
[71] THYSSENKRUPP UHDE GMBH, DE
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[54] **COMPOSITION D'IONOMERE ANTIMICROBIENNE ET UTILISATIONS DE CELLE-CI**
[72] MAKI, MARKUS, FI
[72] NIEMINEN, JYRI, MT
[72] LAAKSONEN, HARRI, FI
[72] AREVA, SAMI, FI
[71] ARGENLAB GLOBAL LTD, MT
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[54] **FIXATION MECANIQUE D'UN DIAMANT THERMIQUEMENT STABLE A UN SUBSTRAT**
[72] WEAVER, GARY E., US
[72] ANDERLE, SETH G., US
[72] LADI, RAM L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **IMPROVEMENT OF TIRE UNIFORMITY THROUGH IDENTIFICATION OF PROCESS HARMONICS USING RE-INDEXED PARTIAL UNIFORMITY WAVEFORMS**
[54] **AMELIORATION D'UNIFORMITE DE PNEU PAR IDENTIFICATION D'HARMONIQUES DE TRAITEMENT AU MOYEN DE FORMES D'ONDE D'UNIFORMITE PARTIELLES REINDEXEES**
[72] MAWBY, WILLIAM DAVID, US
[72] JETER, JIMMY, US
[72] SAULS, JONATHAN, US
[72] TRAYLOR, JAMES MICHAEL, US
[71] MICHELIN RECHERCHE ET TECHNIQUE, S.A., CH
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **METHOD OF DECODING VIDEO DATA**
[54] **PROCEDE DE DECODAGE DE DONNEES VIDEO**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[71] GENIP PTE. LTD., SG
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[54] **METHOD OF APPLYING EDGE OFFSET**
[54] **PROCEDE D'APPLICATION D'UN DECALAGE DE BORD**
[72] JANG, MIN, KR
[71] GENIP PTE. LTD., SG
[85] 2014-03-18
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[25] EN
[54] **METHOD AND COMPOSITION FOR TREATING PAIN**
[54] **PROCEDE ET COMPOSITION POUR TRAITER LA DOULEUR**
[72] CHIN, JENNIFER K., US
[72] RICK, DONALD, US
[72] WALLACE, ROSEMARIE, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[54] **ADJUVANT COMPOSITIONS, AGRICULTURAL PESTICIDE COMPOSITIONS, AND METHODS FOR MAKING AND USING SUCH COMPOSITIONS**
[54] **COMPOSITIONS D'ADJUVANT, COMPOSITIONS DE PESTICIDE AGRICOLE, ET PROCEDES POUR FABRIQUER ET UTILISER DE TELLES COMPOSITIONS**
[72] MCKNIGHT, MICHELLE, US
[72] GOYAL, RAJESH, US
[72] SHANMUGA, KRISH MURTHY, US
[71] RHODIA OPERATIONS, FR
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[54] **HARVESTING FAT TISSUE USING TISSUE LIQUEFACTION**
[54] **RECUEIL DE TISSUS GRAISSEUX PAR LIQUEFACTION TISSULAIRE**
[72] ANDREW, MARK S., US
[72] CHAN, PHILLIP P., US
[72] GODEK, CHRISTOPHER P., US
[71] ANDREW TECHNOLOGIES LLC, US
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[54] **METHOD OF CREATING AND MAINTAINING MULTI-MANAGER EXCHANGE TRADED FUNDS**
[54] **PROCEDE DE CREATION ET DE MAINTIEN DE FONDS NEGOCIES EN BOURSE A PLUSIEURS GESTIONNAIRES**
[72] ROBERTS, MARK STADLER, US
[72] JOHNSON, RICHARD FRANK, JR., US
[72] KUHARIC, ROBERT, US
[72] SMITH, JOSEPH DEWAYNE, US
[71] FRANK RUSSELL COMPANY, US
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[54] **ANTAGONISTES DU RECEPTEUR DE LA FSH**
[72] BLACKABY, WESLEY PETER, GB
[72] DE KORT, MARTIN, NL
[72] ENTHOVEN, MARK, NL
[72] HINCHLIFFE, PAUL STUART, GB
[72] POULIE, CHRISTIAN BERNARD, NL
[72] TIMMERS, CORNELIS MARIUS, NL
[72] VERKAIK, SASKIA, NL
[71] MERCK SHARP & DOHME B.V., NL
[85] 2014-03-19
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[54] **MOVEABLE MOUNTING PLATE FOR FURNITURE HINGES**
[54] **PLAQUE DE MONTAGE MOBILE POUR CHARNIERE DE MEUBLE**
[72] DUBACH, FREDI, CH
[71] JULIUS BLUM GMBH, AT
[85] 2014-03-19
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[25] EN
[54] **TANK DEWATERING SENSING AND VALVE CONTROL METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DETECTION D'ASSECHEMENT DE RESERVOIR ET DE COMMANDE DE SOUPE**
[72] AL-MULHIM, KHALID ABDULAZIZ, SA
[72] AL-QAHTANI, SALEM MOHAMMED, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHODS OF SPATIAL NORMALIZATION OF POSITRON EMISSION TOMOGRAPHY IMAGES**
[54] **PROCEDES DE NORMALISATION SPATIALE D'IMAGES DE TOMOGRAPHIE PAR EMISSION DE POSITRONS**
[72] LUNDQVIST, ROGER, SE
[72] THURFJELL, NILS LENNART, SE
[72] LILJA, JOHAN AXEL, SE
[71] GE HEALTHCARE LIMITED, GB
[85] 2014-03-18
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHYLATION MARKERS OF EPITHELIAL OR MESENCHYMAL PHENOTYPE AND RESPONSE TO EGFR KINASE INHIBITOR IN TUMOURS OR TUMOUR CELLS**
[54] **MARQUEURS DE METHYLATION DE DIAGNOSTIC D'UN PHENOTYPE EPITHELIAL OU MESENCHYMATEUX ET SENSIBILITE VIS-A-VIS D'UN INHIBITEUR D'EGFR KINASE DANS DES TUMEURS OU DES CELLULES TUMORALES**
[72] SHAMES, DAVID, US
[72] HOLCOMB, THOMAS M., US
[72] WALTER, KIMBERLY, US
[71] GENENTECH, INC., US
[85] 2014-03-18
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[30] US (61/542,141) 2011-09-30

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[13] A1
[51] **Int.Cl. A01N 25/28 (2006.01) A61K 31/14 (2006.01) C08K 5/17 (2006.01) C09D 5/16 (2006.01)**
[25] EN
[54] **HIGH QUALITY ANTIMICROBIAL PAINT COMPOSITION**
[54] **COMPOSITION DE PEINTURE ANTIMICROBIENNE DE HAUTE QUALITE**
[72] GISSER, KATHLEEN R., US
[72] SIBBALD, MORGAN S., US
[72] SMITH, WANDA J., US
[72] DRESHAR, JANICE K., US
[72] PROCHAZKA, DONALD A., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
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[51] **Int.Cl. C02F 1/56 (2006.01)**
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[54] **METHOD FOR FLOCCULATING ALGAE USING POLYMERS INCLUDING TANNIN**
[54] **PROCEDE DE FLOCCULATION D'ALGUES A L'AIDE DE POLYMERES COMPRENANT DU TANNIN**
[72] WHITT, DAVID, US
[72] JUCHCINSKI, JOHN, US
[72] WALTERICK, GERALD CECIL JR., US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ENERGY DELIVERY DEVICE AND METHODS OF USE**

[54] **DISPOSITIF DE FOURNITURE D'ENERGIE ET PROCEDES D'UTILISATION**

[72] SALAHIEH, AMR, US

[72] LEPAK, JONAH, US

[72] LEUNG, EMMA, US

[72] CLAUDE, JOHN, P., US

[72] SAUL, TOM, US

[71] COVIDIEN LP, US

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[30] US (61/541,765) 2011-09-30

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[51] **Int.Cl. B41F 17/34 (2006.01) B41F 17/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR EDIBLE PRINTING ON FOODSTUFFS**

[54] **PROCEDE ET DISPOSITIF POUR IMPRESSION COMESTIBLE SUR PRODUITS ALIMENTAIRES**

[72] MITCHELL, ELIZABETH A., US

[72] YOUNGQUIST, MICHELE, US

[71] CF CENTRAL, LLC, US

[71] MITCHELL, ELIZABETH A., US

[71] YOUNGQUIST, MICHELE, US

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[51] **Int.Cl. B28C 1/14 (2006.01) B09B 3/00 (2006.01) C04B 26/26 (2006.01)**

[25] EN

[54] **A LOST-CIRCULATION MATERIAL MADE FROM A RECYCLED MATERIAL CONTAINING ASPHALT**

[54] **MATERIAU DE CIRCULATION PERDUE REALISE A PARTIR D'UN MATERIAU RECYCLE CONTENANT DE L'ASPHALTE**

[72] SODHI, THOMAS S., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-03-18

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[87] (WO2013/052386)

[30] US (13/267,939) 2011-10-07

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[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) E21B 47/14 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **METHODS FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DRILLING RIG-MOUNTED ACOUSTIC SENSORS**

[54] **PROCEDES POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES MONTES SUR UN APPAREIL DE FORAGE**

[72] LUO, YI, SA

[72] YANG, YUNLAI, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

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[86] 2012-09-25 (PCT/US2012/057084)

[87] (WO2013/049044)

[30] US (61/539,201) 2011-09-26

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[13] A1

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[54] **OAT-DERIVED SWEETENER**

[54] **EDULCORANT ISSU D'AVOINE**

[72] WHALEN, PAUL, US

[71] OAT TECH INC., US

[85] 2013-12-13

[86] 2012-06-14 (PCT/US2012/042486)

[87] (WO2012/174259)

[30] US (61/496,839) 2011-06-14

[21] **2,849,134**
[13] A1

[51] **Int.Cl. F21S 10/04 (2006.01) F21V 1/00 (2006.01)**

[25] EN

[54] **INSERT FOR FLAMELESS CANDLE**

[54] **INSERT POUR BOUGIE SANS FLAMME**

[72] CHARTRAND, MATHIEU, CA

[71] WINVIC SALES, INC., CA

[85] 2014-03-19

[86] 2012-10-04 (PCT/CA2012/000925)

[87] (WO2013/049925)

[30] US (13/253,436) 2011-10-05

[21] **2,849,144**
[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) E21B 33/12 (2006.01) E21B 37/02 (2006.01)**

[25] EN

[54] **FLUID SAMPLE CLEANUP**

[54] **NETTOYAGE D'ECHANTILLONS DE FLUIDE**

[72] LANDSIEDEL, NATHAN, US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2014-03-18

[86] 2012-09-20 (PCT/US2012/056277)

[87] (WO2013/043836)

[30] US (13/237,214) 2011-09-20

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[21] **2,849,149**
[13] A1
[51] **Int.Cl. C11D 1/37 (2006.01) C11D 1/645 (2006.01) C11D 1/83 (2006.01) C11D 1/86 (2006.01) C11D 1/94 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITIONS COMPRISING SUSTAINABLE SURFACTANT SYSTEMS COMPRISING ISOPRENOID-DERIVED SURFACTANTS**
[54] **COMPOSITIONS DETERGENTES COMPRENANT DES SYSTEMES DE TENSIOACTIFS DURABLES COMPRENANT DES TENSIOACTIFS DERIVES D'ISOPRENOIDES**
[72] URBIN, STEPHANIE ANN, US
[72] REILMAN, RANDALL THOMAS, US
[72] VINSON, PHILLIP KYLE, US
[72] DEPA, PRAVEEN KUMAR, US
[72] STEFFEY, MELINDA PHYLLIS, US
[72] PRICE, KENNETH NATHAN, US
[72] BURCKETT-ST. LAURENT, JAMES CHARLES THEOPHILE ROGER, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-03-18
[86] 2012-09-20 (PCT/US2012/056310)
[87] (WO2013/043857)
[30] US (61/536,860) 2011-09-20

[21] **2,849,154**
[13] A1
[51] **Int.Cl. F28F 3/08 (2006.01) F24J 3/08 (2006.01) F28D 7/00 (2006.01) F28F 9/013 (2006.01) F28F 9/02 (2006.01) F28F 9/22 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **ENERGY TRANSFER UNIT**
[54] **UNITE MODULAIRE DE TRANSFERT D'ENERGIE A ORIFICE D'ENTREE COMMUN ET A ORIFICE DE SORTIE COMMUN**
[72] HEISE, LORNE R., CA
[72] ROBERTS, MATTHEW J. H., CA
[72] NEWTON, FRASER F., CA
[72] LAMB, DAVID S., CA
[71] HEAT-LINE CORPORATION, CA
[85] 2014-03-19
[86] 2012-09-19 (PCT/CA2012/050653)
[87] (WO2013/040707)
[30] US (61/536,331) 2011-09-19

[21] **2,849,158**
[13] A1
[51] **Int.Cl. H04W 8/22 (2009.01) H04W 4/18 (2009.01) H04N 21/2343 (2011.01) G06F 5/00 (2006.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MEDIA PROCESSOR**
[54] **PROCESSEUR MULTIMEDIA**
[72] MAHARAJI, KAVI, CA
[72] MACNEIL, BART, CA
[72] WALKER, TORIN, CA
[72] PEROV, DENNIS, CA
[72] RAO, GIRISH G., CA
[71] QUICKPLAY MEDIA INC., CA
[85] 2014-03-19
[86] 2012-09-19 (PCT/CA2012/050654)
[87] (WO2013/040708)
[30] US (61/536,470) 2011-09-19

[21] **2,849,161**
[13] A1
[51] **Int.Cl. B01D 53/92 (2006.01) B01D 53/86 (2006.01) F01N 3/20 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENGINE BACKPRESSURE REDUCTION**
[54] **APPAREIL ET PROCEDE DE REDUCTION DE LA CONTRE-PRESSION D'UN MOTEUR**
[72] PLATTI, STEFANO, CA
[72] BLAGOJEVIC, VOISLAV, CA
[72] KOYANAGI, GREGORY KLYOSHI, CA
[71] VIDA HOLDINGS CORP. LTD., CA
[85] 2014-03-19
[86] 2013-07-19 (PCT/CA2013/000663)
[87] (WO2014/012174)
[30] US (61/673,394) 2012-07-19
[30] US (61/675,483) 2012-07-25
[30] US (61/830,409) 2013-06-03
[30] US (61/839,083) 2013-06-25

[21] **2,849,162**
[13] A1
[51] **Int.Cl. H04L 12/22 (2006.01) H04L 9/00 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR VALIDATING COMMUNICATIONS IN AN OPEN ARCHITECTURE SYSTEM**
[54] **PROCEDES ET APPAREIL DE VALIDATION DE COMMUNICATIONS DANS SYSTEME A ARCHITECTURE OUVERTE**
[72] FORD, DAVID K., US
[71] FORD, DAVID K., US
[85] 2014-03-18
[86] 2012-09-20 (PCT/US2012/056363)
[87] (WO2013/043888)
[30] US (61/537,380) 2011-09-21
[30] US (61/557,773) 2011-11-09

[21] **2,849,163**
[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01)**
[25] EN
[54] **DATA-LOADING SYSTEM, TRANSPORTABLE DATA-LOADING DEVICE, AND A METHOD FOR LOADING SOFTWARE CONFIGURATIONS INTO AIRCRAFT**
[54] **SYSTEME DE CHARGEMENT DE DONNEES, APPAREIL DE CHARGEMENT DE DONNEES TRANSPORTABLE ET PROCEDE POUR CHARGER DES CONFIGURATIONS LOGICIELLES A BORD D'AERONEFS**
[72] SCHOWALTER, JORG, DE
[72] FLIEGNER, MATTHIAS, DE
[71] LUFTHANSA TECHNIK AG, DE
[85] 2014-04-01
[86] 2012-10-16 (PCT/EP2012/004313)
[87] (WO2013/056810)
[30] DE (10 2011 122 761.3) 2011-10-20

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[13] A1

[51] **Int.Cl. C09J 157/04 (2006.01) C09J 11/04 (2006.01) C09J 133/02 (2006.01) C09J 133/26 (2006.01)**

[25] EN

[54] **NEW AND STABLE AQUEOUS HYBRID BINDER**

[54] **NOUVEAU LIANT HYBRIDE AQUEUX STABLE**

[72] WANG, YUJIANG, CN

[72] XU, JIANMING, CN

[72] MUKKAMALA, RAVI, US

[71] ROHM AND HAAS COMPANY, US

[85] 2014-03-19

[86] 2011-10-21 (PCT/CN2011/081099)

[87] (WO2013/056464)

[21] 2,849,168
[13] A1

[51] **Int.Cl. C07D 231/10 (2006.01) A61K 31/415 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **CYCLOALKYLNITRILE PYRAZOLE CARBOXAMIDES AS JANUS KINASE INHIBITORS**

[54] **CYCLOALKYLNITRILE PYRAZOLE CARBOXAMIDES EN TANT QU'INHIBITEURS DE JANUS KINASE**

[72] BRUBAKER, JASON, US

[72] DINSMORE, CHRISTOPHER J., US

[72] HOFFMAN, DAWN MARIE, US

[72] JUNG, JOON, US

[72] LIU, DUAN, US

[72] PETERSON, SCOTT, US

[72] SIU, TONY, US

[72] TORRES, LUIS E., US

[72] ZHANG, HONGJUN, US

[72] WEI, ZHONGYONG, CN

[72] SHI, FENG, CN

[71] MERCK SHARP & DOHME CORP., US

[85] 2014-03-19

[86] 2012-09-21 (PCT/CN2012/001291)

[87] (WO2013/040863)

[30] US (61/537,978) 2011-09-22

[21] 2,849,169
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/415 (2006.01) A61K 31/4439 (2006.01) A61K 31/541 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **PYRAZOLE CARBOXAMIDES AS JANUS KINASE INHIBITORS**

[54] **CARBOXAMIDES DE PYRAZOLE COMME INHIBITEURS DE LA JANUS KINASE**

[72] BRUBAKER, JASON, US

[72] CLOSE, JOSHIUA, US

[72] SIU, TONY, US

[72] SMITH, GRAHAM FRANK, US

[72] TORRES, LUIS E., US

[72] WOO, HYUN CHONG, US

[72] YOUNG, JONATHAN R., US

[72] WEI, ZHONGYONG, CN

[72] SHI, FENG, CN

[71] MERCK SHARP & DOHME CORP., US

[85] 2014-03-19

[86] 2012-09-21 (PCT/CN2012/081723)

[87] (WO2013/041042)

[30] US (61/537,978) 2011-09-22

[21] 2,849,172
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04L 9/32 (2006.01)**

[25] EN

[54] **ASSISTED CERTIFICATE ENROLLMENT**

[54] **AIDE A L'INSCRIPTION PAR CERTIFICAT**

[72] SHERKIN, ALEXANDER, CA

[72] CARRARA, MICHAEL ANTHONY, CA

[72] TRUSKOVSKY, ALEXANDER, CA

[71] BLACKBERRY LIMITED, CA

[85] 2014-03-19

[86] 2012-07-16 (PCT/CA2012/050486)

[87] (WO2013/040698)

[30] US (61/536,785) 2011-09-20

[21] 2,849,173
[13] A1

[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/117 (2014.01) H04N 19/122 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/61 (2014.01)**

[25] EN

[54] **APPARATUS OF DECODING VIDEO DATA**

[54] **APPAREIL DE DECODAGE DE DONNEES VIDEO**

[72] OH, SOO MI, KR

[72] YANG, MOONOCK, SG

[71] INFOBRIDGE PTE. LTD., SG

[85] 2014-03-19

[86] 2012-11-02 (PCT/CN2012/083997)

[87] (WO2013/064100)

[30] KR (10-2011-0114610) 2011-11-04

[21] 2,849,174
[13] A1

[51] **Int.Cl. H04L 9/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR THE SAFE SPONTANEOUS TRANSMISSION OF CONFIDENTIAL DATA OVER UNSECURE CONNECTIONS AND SWITCHING COMPUTERS**

[54] **SYSTEME ET PROCEDE POUR LA TRANSMISSION SPONTANEE SECURISEE DE DONNEES CONFIDENTIELLES PAR DES LIAISONS NON SECURISEES ET UN PROCESSEUR DE COMMUTATION**

[72] MAYER, PAVEL, DE

[71] HOCER GMBH, DE

[85] 2014-03-19

[86] 2012-09-14 (PCT/EP2012/068115)

[87] (WO2013/041460)

[30] DE (102011083062.6) 2011-09-20

[21] 2,849,175
[13] A1
[51] Int.Cl. G21C 1/02 (2006.01) G21C 1/22 (2006.01) G21C 1/32 (2006.01) G21C 3/44 (2006.01) G21C 3/54 (2006.01) G21C 15/02 (2006.01) G21C 15/28 (2006.01) G21C 19/307 (2006.01) G21D 5/08 (2006.01)
[25] EN
[54] DUAL FLUID REACTOR
[54] REACTEUR A FLUIDE DOUBLE
[72] HUKÉ, ARMIN, DE
[72] RUPRECHT, GOTZ, DE
[72] HUSSEIN, AHMED, CA
[72] CZERSKI, KONRAD, DE
[72] GOTTLIEB, STEFAN, DE
[71] HUKÉ, ARMIN, DE
[85] 2014-03-19
[86] 2012-09-21 (PCT/DE2012/000957)
[87] (WO2013/041085)
[30] DE (10 2011 114 342.8) 2011-09-21
[30] DE (10 2012 007 933.8) 2012-04-17

[21] 2,849,176
[13] A1
[51] Int.Cl. C07D 209/14 (2006.01) A61K 31/404 (2006.01) A61K 31/4155 (2006.01) A61K 31/4439 (2006.01) A61K 31/5377 (2006.01) A61P 15/00 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 493/04 (2006.01)
[25] EN
[54] FSH RECEPTOR ANTAGONISTS
[54] ANTAGONISTES DU RECEPTEUR DE LA FSH
[72] BLACKABY, WESLEY PETER, GB
[72] DE KORT, MARTIN, NL
[72] ENTHOVEN, MARK, NL
[72] HINCHLIFFE, PAUL, STUART, GB
[72] PAULIE, CHRISTIAN BERNARD MATTHIJS, NL
[72] TIMMERS, CORNELIS MARIUS, NL
[72] VERKAIK, SASKIA, NL
[71] MERCK SHARP & DOHME B.V., NL
[85] 2014-03-19
[86] 2012-09-14 (PCT/EP2012/068127)
[87] (WO2013/041461)
[30] US (61/537,626) 2011-09-22
[30] EP (11182305.0) 2011-09-22

[21] 2,849,178
[13] A1
[51] Int.Cl. A61M 5/20 (2006.01)
[25] EN
[54] ELECTRONIC INJECTOR
[54] INJECTEUR ELECTRONIQUE
[72] DOLK, JONAS, SE
[72] HIMBERT, HANS, SE
[72] TORNSTEN, JONAS, SE
[72] BLOMQVIST, MAX, SE
[71] Q-MED AB, SE
[85] 2014-03-19
[86] 2012-09-28 (PCT/EP2012/069192)
[87] (WO2013/045617)
[30] EP (11183169.9) 2011-09-28

[21] 2,849,180
[13] A1
[51] Int.Cl. C08L 23/04 (2006.01) B65D 39/00 (2006.01) C08L 23/06 (2006.01) C08L 23/08 (2006.01)
[25] EN
[54] HIGH-DENSITY POLYETHYLENE FOR CAPS AND CLOSURES
[54] POLYETHYLENE HAUTE DENSITE POUR BOUCHONS ET CAPUCHONS
[72] RIBOUR, DAVID, BE
[72] STANDAERT, ALAIN, BE
[72] SIRAU, DANIEL, BE
[72] HORION, LUDOVIC, BE
[72] LHOST, OLIVIER, BE
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[85] 2014-03-19
[86] 2012-09-28 (PCT/EP2012/069266)
[87] (WO2013/045663)
[30] EP (11183480.0) 2011-09-30

[21] 2,849,181
[13] A1
[51] Int.Cl. B26D 1/36 (2006.01) B26D 7/00 (2006.01) B26D 7/06 (2006.01) B26D 7/08 (2006.01) B26D 7/26 (2006.01)
[25] EN
[54] CUTTING HEAD ASSEMBLY FOR CENTRIFUGAL CUTTING APPARATUS AND CENTRIFUGAL APPARATUS EQUIPPED WITH SAME
[54] ENSEMBLE TETE DE COUPE POUR APPAREIL DE COUPE CENTRIFUGE ET APPAREIL CENTRIFUGE EQUIPE DE CELUI-CI
[72] BUCKS, BRENT L., US
[71] FAM, BE
[85] 2014-03-19
[86] 2012-09-28 (PCT/EP2012/069296)
[87] (WO2013/045684)
[30] US (61/540,246) 2011-09-28

[21] 2,849,184
[13] A1
[51] Int.Cl. A61K 9/127 (2006.01) A61K 47/36 (2006.01)
[25] EN
[54] LIPOSOME PRODUCTION USING ISOPROPANOL
[54] PRODUCTION DE LIPOSOME A L'AIDE D'ISOPROPANOL
[72] DE KESEL, CARINE, BE
[72] MANCUSO, VINCENT, BE
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2014-03-19
[86] 2012-09-19 (PCT/EP2012/068448)
[87] (WO2013/041572)
[30] GB (1116248.4) 2011-09-20

[21] **2,849,186**
[13] A1

[51] **Int.Cl. C08G 18/62 (2006.01) C04B 41/48 (2006.01) C04B 41/71 (2006.01) C08G 18/72 (2006.01) C08G 18/78 (2006.01) C08G 18/79 (2006.01) C08K 3/34 (2006.01) C09D 7/12 (2006.01) C09D 175/04 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **2-COMPONENT POLYURETHANE COATING ON FIBER CEMENT**

[54] **REVETEMENT POLYURETHANE A DEUX COMPOSANTS SUR FIBROCIMENT**

[72] HAMMERLI, MATTHIAS, CH

[72] SZEGEDY, PAUL, CH

[72] TRABESINGER, GERALD, CH

[72] BOSCH, KLEMENS, CH

[71] FIBRECEM HOLDING AG, CH

[85] 2014-03-19

[86] 2012-09-20 (PCT/EP2012/068549)

[87] (WO2013/050253)

[30] CH (01634/11) 2011-10-06

[21] **2,849,188**
[13] A1

[51] **Int.Cl. A63B 69/36 (2006.01) A63B 71/06 (2006.01)**

[25] EN

[54] **A GOLF PUTTING AIMING AID**

[54] **APPAREIL POUR LE GOLF**

[72] EGAN, LESLIE, IE

[71] EGAN, LESLIE, IE

[85] 2014-03-19

[86] 2012-09-20 (PCT/EP2012/068578)

[87] (WO2013/041644)

[30] IE (S2011/0433) 2011-09-21

[21] **2,849,189**
[13] A1

[51] **Int.Cl. C07D 251/22 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) C07D 401/12 (2006.01) C07D 407/12 (2006.01) C07D 413/04 (2006.01)**

[25] EN

[54] **MORPHOLINO SUBSTITUTED UREA OR CARBAMATE DERIVATIVES AS MTOR INHIBITORS**

[54] **UREE SUBSTITUEE PAR UN GROUPE MORPHOLINO OU DERIVES CARBAMATE COMME INHIBITEURS DE MTOR**

[72] LYNCH, ROSEMARY, GB

[72] CANSFIELD, ANDREW DAVID, GB

[72] HARDY, DANIEL PAUL, GB

[72] SUNOSE, MIHIRO, GB

[72] MOREL, ADELINE, GB

[72] CONVERY, LAURA, GB

[72] ADREGO, RITA, GB

[71] CELLZOME LIMITED, GB

[85] 2014-03-19

[86] 2012-09-21 (PCT/EP2012/068590)

[87] (WO2013/041652)

[30] EP (11182221.9) 2011-09-21

[21] **2,849,191**
[13] A1

[51] **Int.Cl. B32B 15/20 (2006.01) B32B 3/24 (2006.01) B32B 5/02 (2006.01) B32B 15/085 (2006.01) B32B 15/09 (2006.01) B32B 15/14 (2006.01) B32B 27/12 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01)**

[25] EN

[54] **CONDUCTIVE COMPOSITE STRUCTURE OR LAMINATE**

[54] **STRUCTURE COMPOSITE OU STRATIFIE CONDUCTEUR**

[72] ELLIS, JOHN, GB

[72] FISSET, EMILIE, GB

[72] DOSMAN, ELIZABETH, GB

[71] HEXCEL COMPOSITES LIMITED, GB

[85] 2014-03-19

[86] 2012-09-21 (PCT/EP2012/068714)

[87] (WO2013/041712)

[30] GB (1116472.0) 2011-09-23

[21] **2,849,192**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/573 (2006.01) A61K 47/48 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **PREVENTION AND TREATMENT OF OCULAR CONDITIONS**

[54] **PREVENTION ET TRAITEMENT D'ETATS OCULAIRES**

[72] KNAPPE, THOMAS, DE

[72] LAUFER, BURKHARDT, DE

[72] RAU, HARALD, DE

[72] SPROGOF, KENNETT, US

[72] VOIGT, TOBIAS, DE

[72] WEISBROD, SAMUEL, DE

[71] ASCENDIS PHARMA OPHTHALMOLOGY DIVISION A/S, DK

[85] 2014-03-19

[86] 2012-10-11 (PCT/EP2012/070212)

[87] (WO2013/053856)

[30] EP (11184865.1) 2011-10-12

[21] **2,849,193**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01)**

[25] EN

[54] **SYSTEM AND APPARATUS FOR REACTIONS**

[54] **SYSTEME ET APPAREIL POUR REACTIONS**

[72] GROVER, SIMON RODERICK, GB

[72] WILKINS, PAUL GRAHAM, GB

[72] ROLLINGS, NICK DAVID, GB

[72] MAYNE, PETER LAURENCE, GB

[72] CHAN, WAI TING, GB

[72] SCOTT, NATALIE FRANCES, GB

[72] FLICK, OLIVIER FERNAND, GB

[72] INNES, HENRY CHARLES, US

[72] DARNBROUGH BEEDHAM, MARTYN GRAY, GB

[72] LONG, NICHOLAS DAVID, GB

[72] HAMMOND, RICHARD JOHN, GB

[71] CAMBRIDGE MEDICAL INNOVATIONS LIMITED, GB

[85] 2014-03-19

[86] 2012-09-21 (PCT/EP2012/068718)

[87] (WO2013/041713)

[30] US (13/242,999) 2011-09-23

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[13] A1
[51] *Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 3/10 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01)*
[25] EN
[54] **IMIDAZOPYRIDAZINE COMPOUNDS**
[54] **COMPOSES D'IMIDAZOPYRIDAZINE**
[72] HERMANN, JOHANNES CORNELIUS, US
[72] KUGLSTATTER, ANDREAS, DE
[72] LUCAS, MATTHEW C., US
[72] PADILLA, FERNANDO, US
[72] WANNER, JUTTA, US
[72] ZHANG, XIAOHU, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-03-19
[86] 2012-10-29 (PCT/EP2012/071337)
[87] (WO2013/064445)
[30] CN (PCT/CN2011/081614) 2011-11-01

[21] 2,849,195
[13] A1
[51] *Int.Cl. A61K 39/395 (2006.01) C07K 16/24 (2006.01)*
[25] EN
[54] **PROLONGED INHIBITION OF INTERLEUKIN-6 MEDIATED SIGNALING**
[54] **INHIBITION PROLONGEE D'UNE SIGNALISATION A MEDIATION PAR L'INTERLEUKINE-6**
[72] HOLZ, JOSEFIN-BEATE, DE
[72] ROSSENU, STEFAAN, BE
[72] DE BRUYN, STEVEN, BE
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[72] RAUM, TOBIAS, DE
[72] HOFFMANN, PATRICK, DE
[72] KISCHEL, ROMAN, DE
[72] LUTTERBUESE, RALF, DE
[72] RAU, DORIS, DE
[72] ADAM, PAUL, DE
[72] BORGES, ERIC, DE
[72] HEBELS, BARBARA, DE
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[54] **BOUCHON REFRACTAIRE EN CERAMIQUE**
[72] NITZL, GERALD, AT
[72] STRANIMAIER, ARNO, AT
[72] HASLINGER, HANS-JURGEN, AT
[72] KAUFMANN, HELMUT, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **PRODUCTION DE GAZ DE SYNTHESE A PARTIR DE BOUES CONTENANT UN BIOSOLIDE A FORTE TENEUR EN HUMIDITE**
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[71] ENERKEM, INC., CA
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[54] **CELL VOLTAGE MONITORING CONNECTOR SYSTEM FOR A FUEL CELL STACK**
[54] **SYSTEME DE CONNEXION DE SURVEILLANCE DE LA TENSION DE BAIN DESTINE A UN BLOC DE PILES A COMBUSTIBLE**
[72] KARMAZYN, HARRY JOHN, GB
[72] CLARK, JOHN FREDERICK, GB
[72] PEART, RICHARD ALBERT, GB
[72] JONES, MARK LLEWELLYN, GB
[71] INTELLIGENT ENERGY LIMITED, GB
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[54] **MATERIAUX FILTRANTS ET LEURS UTILISATIONS**

[72] LEMMOUCHI, YAHIA, GB

[72] MOLA, MICHELE, GB

[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB

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[54] **PROCEDES DE CRIBLAGE DE COMPOSES QUI SONT CYTOTOXIQUES POUR DES CELLULES TUMORALES ET PROCEDES DE TRAITEMENT DE CELLULES TUMORALES UTILISANT UN TEL COMPOSE**

[72] TOWNSEND, CRAIG, US

[72] RONNETT, GABRIELLE, US

[72] KUHAJDA, FRANK (DECEASED), US

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[72] CEDARBAUM, JESSE, US

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[54] **SYSTEME D'ARME A GROUPE DE COMMANDE DE MOYENNAGE D'IMPULSION A FAIBLE RECOL**

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[72] ROSSIER, GLENN, US

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[72] PYRHONEN, JUHA, FI
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[54] SONDES LUMINESCENTES POUR LE MARQUAGE BIOLOGIQUE ET L'IMAGERIE, ET LEUR PROCEDE DE PREPARATION
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[71] PACTIV PACKAGING INC., US
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[72] CHOPARD, THIBAUD, FR
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[72] UBER, ROBERT E., US
[72] TRAUTZSCH, THOMAS, US
[72] SCHULER, FREDERICK J., US
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[54] **CREPINE A FILTRE EXTENSIBLE**
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[72] LOPEZ, JEAN-MARC, US
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[54] **SUBSTRAT DE CULTURE CELLULAIRE COMPRENANT UNE LAMININE ET UNE CADHERINE**
[72] TRYGGVASON, KARL, SE
[72] RODIN, SERGEY, SE
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[54] **SYSTEMES MULTICOMPOSANTS DE DIAGNOSTIC PAR INDUCTION ET PROCEDES D'UTILISATION EN TEMPS REEL D'UNE CORRECTION DE TROU DE FORAGE D'OBM**
[72] HOU, JUNSHENG, US
[72] SAN MARTIN, LUIS E., US
[72] WU, DAGANG, US
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[54] **PROCEDE DE LUTTE CONTRE LA FORMATION DE SOUS-PRODUITS INDESIRABLES RESULTANT DE LA PRESENCE D'ORGANISMES CONTAMINANTS DANS LE CADRE DE LA PRODUCTION D'ETHANOL A PARTIR DE GAZ DE SYNTHESE**
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[72] REEVES, ANDREW, US
[72] KLIMAN, LAURA T., US
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[54] METHODES ET COMPOSITIONS PERMETTANT D'ABAISSE LE TAUX SERIQUE DE TRIGLYCERIDES CHEZ L'ETRE HUMAIN AU MOYEN D'UNE LIPASE FONGIQUE
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[72] SCHULER, CHRISTOPHER, US
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[72] FERGUSON, FREDERICK D., CA
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[54] **DISPOSITIFS PHOTOVOLTAIQUES COMPRENANT CARACTERISTIQUES DE GESTION THERMIQUE AMELIOREES**
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[72] LOPEZ, LEONARDO C., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[71] BALDWIN FILTERS, INC., US
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[54] **FRIANDISE A REGIONS MULTIPLES ET SON PROCEDE DE PRODUCTION**
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[72] TAGGART, JEFF SILVER, US
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[72] LIU, YIHAN, US

[72] ROGGOW, TIMOTHY, US

[72] SARRAZIN, MARIE-JOSE, BE

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[72] STUTTS, MONROE JACK, US

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[72] SCHEIBEL, JEFFREY JOHN, US

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[72] LINGOES, JANETTE VILLALOBOS, US

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[54] **FORMULATIONS DE LUTTE CONTRE LES NUISIBLES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

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[72] UCHIDA, YOSHIKI, JP
[72] GOISHII, KATSUTOSHI, JP
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[54] UTILISATION DE TENSIOACTIFS
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[72] DISTEFANO, CALOGERO A., US
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[72] CRAWFORD, CHARLES, US
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[72] KIRIU, MASATO, JP
[72] NAGATA, ERIKO, JP
[72] MATSUMOTO, HIROKI, JP
[72] KUGE, YUJI, JP
[72] ZHAO, SONGJI, JP
[72] NISHIJIMA, KEN-ICHI, JP
[71] NIHON MEDI-PHYSICS CO., LTD.,
JP
[71] NATIONAL UNIVERSITY
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[54] **COMPOSITIONS D'INTEROMONE ET LEUR UTILISATION POUR MODIFIER LE COMPORTEMENT CHEZ DIFFERENTES ESPECES VERTEBREES**

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[54] **ARTICLE MOULE EN COMPOSITION D'ELECTROLYTE POLYMERIQUE ET PILE A COMBUSTIBLE A POLYMERES SOLIDES L'UTILISANT**

[72] KUNITA, TOMOYUKI, JP
[72] IZUHARA, DAISUKE, JP
[72] YACHI, YUKA, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **COMPOSE DE CHROMENE ET COMPOSITION DURCISSABLE**

[72] SHIMIZU, YASUTOMO, JP
[72] IZUMI, SHINOBU, JP
[72] TAKENAKA, JUNJI, JP
[72] MOMODA, JUNJI, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2014-03-19
[86] 2012-09-21 (PCT/JP2012/074998)
[87] (WO2013/042800)
[30] JP (2011-207988) 2011-09-22

[21] **2,849,283**
[13] A1

[51] **Int.Cl. H04N 19/58 (2014.01) H04N 19/105 (2014.01) H04N 19/159 (2014.01) H04N 19/172 (2014.01)**

[25] EN

[54] **REFERENCE PICTURE LIST CONSTRUCTION FOR VIDEO CODING**

[54] **CONSTRUCTION D'UNE LISTE D'IMAGES DE REFERENCE POUR CODAGE VIDEO**

[72] CHEN, YING, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2014-03-19
[86] 2012-09-20 (PCT/US2012/056368)
[87] (WO2013/043892)
[30] US (61/538,787) 2011-09-23
[30] US (61/539,433) 2011-09-26
[30] US (61/542,034) 2011-09-30
[30] US (13/622,944) 2012-09-19

[21] **2,849,284**
[13] A1

[51] **Int.Cl. H04N 19/44 (2014.01) H04N 19/105 (2014.01) H04N 19/159 (2014.01) H04N 19/172 (2014.01) H04N 19/58 (2014.01)**

[25] EN

[54] **DECODED PICTURE BUFFER MANAGEMENT**

[54] **GESTION DE TAMPON D'IMAGES DECODEES**

[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[71] QUALCOMM INCORPORATED, US
[85] 2014-03-19
[86] 2012-09-20 (PCT/US2012/056370)
[87] (WO2013/043893)
[30] US (61/538,787) 2011-09-23
[30] US (61/539,433) 2011-09-26
[30] US (61/542,034) 2011-09-30
[30] US (13/622,972) 2012-09-19

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[21] 2,849,285
[13] A1
[51] Int.Cl. C22C 38/00 (2006.01) B21B 3/00 (2006.01) C21D 9/46 (2006.01) C22C 18/04 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/28 (2006.01)
[25] EN
[54] HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET AND PROCESS FOR PRODUCING THE SAME
[54] FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD A HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION
[72] SATO, KOICHI, JP
[72] YAMANAKA, SHINTARO, JP
[72] FUJITA, SUSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-03-19
[86] 2012-09-28 (PCT/JP2012/075194)
[87] (WO2013/047808)
[30] JP (2011-217143) 2011-09-30

[21] 2,849,286
[13] A1
[51] Int.Cl. C23C 2/06 (2006.01) B21B 3/00 (2006.01) C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01) C23C 2/02 (2006.01) C23C 2/28 (2006.01)
[25] EN
[54] ALLOYED HOT-DIP GALVANIZED STEEL SHEET
[54] FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD ALLIEE
[72] YAMANAKA, SHINTARO, JP
[72] FUJITA, SUSHI, JP
[72] SATO, KOICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-03-19
[86] 2012-09-28 (PCT/JP2012/075198)
[87] (WO2013/047810)
[30] JP (2011-217145) 2011-09-30

[21] 2,849,287
[13] A1
[51] Int.Cl. C21D 9/08 (2006.01) C21D 8/10 (2006.01) C22C 38/00 (2006.01) C22C 38/50 (2006.01) C22C 38/54 (2006.01)
[25] EN
[54] METHOD FOR PRODUCING HIGH-STRENGTH STEEL MATERIAL HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE
[54] PROCEDE DE FABRICATION D'UNE MATIERE D'ACIER A RESISTANCE ELEVEE AYANT UNE EXCELLENTE RESISTANCE A LA FISSURATION SOUS CONTRAINTE AU SULFURE
[72] KONDO, KEIICHI, JP
[72] ARAI, YUJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-03-19
[86] 2013-02-26 (PCT/JP2013/054866)
[87] (WO2013/133076)
[30] JP (2012-049970) 2012-03-07

[21] 2,849,288
[13] A1
[51] Int.Cl. A61L 27/52 (2006.01) A61L 27/20 (2006.01) A61L 27/54 (2006.01)
[25] EN
[54] HYDROGEL COMPRISING CATECHOL GROUP-COUPLED CHITOSAN OR POLYAMINE AND POLOXAMER COMPRISING THIOL GROUP COUPLED TO END THEREOF, PREPARATION METHOD THEREOF, AND HEMOSTAT USING SAME
[54] HYDROGEL COMPRENANT UN CHITOSAN OU UNE POLYAMINE COUPLE(E) A UN GROUPE CATECHOL ET UN POLOXAMERE COMPRENANT UN GROUPE THIOL COUPLE A SON EXTREMITÉ, SON PROCEDE DE PREPARATION, ETHEMOSTAT L'UTILISANT
[72] LEE, HAESHIN, KR
[72] LEE, MOON SUE, KR
[72] RYU, JI HYUN, KR
[71] INNOTHERAPY INC., KR
[85] 2014-03-19
[86] 2011-11-21 (PCT/KR2011/008880)
[87] (WO2013/077476)
[30] KR (10-2011-0121482) 2011-11-21

[21] 2,849,289
[13] A1
[51] Int.Cl. C07C 67/307 (2006.01) C07B 57/00 (2006.01) C07C 67/52 (2006.01) C07C 69/34 (2006.01)
[25] EN
[54] PREPARATION METHOD OF 1-PALMITOYL-3-ACETYLGLYCEROL, AND PREPARATION METHOD OF 1-PALMITOYL-2-LINOLEOYL-3-ACETYLGLYCEROL USING SAME
[54] PROCEDE DE PREPARATION DE 1-PALMITOYL-3-ACETYLGLYCEROL ET PROCEDE DE PREPARATION DE 1-PALMITOYL-2-LINOLEOYL-3-ACETYLGLYCEROL L'UTILISANT
[72] LEE, TAE-SUK, KR
[72] YOOK, JIN-SOO, KR
[72] YOO, CHANG-HYUN, KR
[72] LEE, CHEOL-MIN, KR
[72] KIM, EUN-KYUNG, KR
[72] LEE, JU-CHEOL, KR
[71] ENZYCHEM LIFESCIENCES CORPORATION, KR
[85] 2014-03-19
[86] 2012-09-24 (PCT/KR2012/007644)
[87] (WO2013/043009)
[30] KR (10-2011-0096341) 2011-09-23

[21] 2,849,290
[13] A1
[51] Int.Cl. C02F 1/60 (2006.01) B01D 61/14 (2006.01) C02F 1/44 (2006.01) C02F 1/463 (2006.01)
[25] EN
[54] APPARATUS AND PROCESS FOR TREATMENT OF WATER
[54] APPAREIL ET PROCEDE DE TRAITEMENT DE L'EAU
[72] PRAKASH, PRAKHAR, US
[72] PAULEY, JAMES CRAIG, US
[72] PRUET, RANDALL B., US
[72] VU, DE, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-03-19
[86] 2012-09-21 (PCT/US2012/056751)
[87] (WO2013/044168)
[30] US (61/537,682) 2011-09-22
[30] US (61/537,661) 2011-09-22
[30] US (61/537,666) 2011-09-22

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[21] **2,849,292**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MATHEMATICS ONTOLOGY EXTRACTION AND RESEARCH**

[54] **SYSTEME ET PROCEDE D'EXTRACTION ET DE RECHERCHE D'ONTOLOGIE MATHEMATIQUE**

[72] CROUSE, MARK S., US

[72] BEAM, CAROLINE MCHOLME, US

[71] VALUECORP PACIFIC, INC., US

[85] 2014-03-19

[86] 2012-09-21 (PCT/US2012/056754)

[87] (WO2013/044170)

[30] US (61/537,501) 2011-09-21

[21] **2,849,293**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/26 (2006.01)**

[25] EN

[54] **PROVIDING TOPIC BASED SEARCH GUIDANCE**

[54] **CONSEILS DE RECHERCHE BASES SUR UN SUJET**

[72] TOMKO, DANIEL JASON, US

[72] RAJVANSIHY, VIKAS, US

[72] GRADEK, MICHAEL, US

[72] LYNN, JOHN, US

[72] PARDI, WILLIAM J., US

[71] MICROSOFT CORPORATION, US

[85] 2014-03-19

[86] 2012-09-22 (PCT/US2012/056777)

[87] (WO2013/044188)

[30] US (13/239,971) 2011-09-22

[21] **2,849,296**
[13] A1

[51] **Int.Cl. G01V 3/26 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETERMINING INFORMATION RELATED TO SUB-SURFACE GEOLOGICAL FORMATIONS USING TIME-DEPENDENT MAGNETIC FIELDS**

[54] **SYSTEME ET PROCEDE DE DETERMINATION D'INFORMATIONS ASSOCIEES A DES FORMATIONS GEOLOGIQUES SOUTERRAINES A L'AIDE DE CHAMPS MAGNETIQUES VARIABLES DANS LE TEMPS**

[72] RUTHS, MARK A., US

[72] NICKEL, GEORGE, US

[72] BRINKLEY, COLE THOMAS, US

[72] NEAGLEY, DANIEL L., US

[71] CHEVRON U.S.A. INC., US

[85] 2014-03-19

[86] 2012-09-24 (PCT/US2012/056916)

[87] (WO2013/044237)

[30] US (61/538,589) 2011-09-23

[21] **2,849,298**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/483 (2006.01)**

[25] EN

[54] **MRM/SRM ASSAY FOR DEATH RECEPTOR 5 PROTEIN**

[54] **DOSAGE MRM/SRM DE LA PROTEINE RECEPTICE DE MORT (DR5)**

[72] KRIZMAN, DAVID B., US

[72] HEMBROUGH, TODD, US

[72] THIYPARAMBIL, SHEENO, US

[72] LIAO, WEI-LIAO, US

[71] EXPRESSION PATHOLOGY, INC., US

[85] 2014-03-19

[86] 2012-09-24 (PCT/US2012/056961)

[87] (WO2013/044261)

[30] US (61/538,096) 2011-09-22

[21] **2,849,301**
[13] A1

[51] **Int.Cl. C40B 40/10 (2006.01) C12Q 1/37 (2006.01) C40B 30/10 (2006.01) G01N 30/72 (2006.01) G01N 33/483 (2006.01) C07K 14/47 (2006.01) C07K 14/72 (2006.01) C07K 16/18 (2006.01)**

[25] EN

[54] **MULTIPLEX MRM ASSAY FOR EVALUATION OF CANCER**

[54] **DOSAGE MRM EN MULTIPLEX POUR EVALUER UN CANCER**

[72] KRIZMAN, DAVID B., US

[72] HEMBROUGH, TODD, US

[72] THIYPARAMBIL, SHEENO, US

[72] LIAO, WEI-LIAO, US

[71] EXPRESSION PATHOLOGY, INC., US

[85] 2014-03-19

[86] 2012-09-24 (PCT/US2012/056965)

[87] (WO2013/044265)

[30] US (61/537,918) 2011-09-22

[21] **2,849,302**
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) E21B 47/14 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **APPARATUS FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DRILLING RIG-MOUNTED ACOUSTIC SENSORS**

[54] **APPAREIL POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES MONTES SUR UN APPAREIL DE FORAGE**

[72] YANG, YUNLAI, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2014-03-19

[86] 2012-09-25 (PCT/US2012/057039)

[87] (WO2013/049014)

[30] US (61/539,213) 2011-09-26

[30] US (61/539,201) 2011-09-26

[30] US (13/554,470) 2012-07-20

[30] US (13/554,298) 2012-07-20

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[21] **2,849,303**
[13] A1
[51] **Int.Cl. C12N 9/00 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **DEHYDROGENASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS DE DESHYDROGENASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] TASSONE, MONICA, US
[72] DE MARIA, LEONARDO, DK
[71] NOVOZYMES, INC., US
[71] NOVOZYMES A/S, DK
[85] 2014-03-19
[86] 2012-09-25 (PCT/US2012/057134)
[87] (WO2013/049073)
[30] US (61/541,363) 2011-09-30

[21] **2,849,304**
[13] A1
[51] **Int.Cl. C25F 1/06 (2006.01)**
[25] EN
[54] **STAINLESS STEEL PICKLING IN AN OXIDIZING, ELECTROLYTIC ACID BATH**
[54] **DECAPAGE D'ACIER INOXYDABLE DANS UN BAIN ACIDE ELECTROLYTIQUE, OXYDANT**
[72] GLASS, AMANDA R., US
[72] RODABAUGH, RONALD D., US
[72] PRICE, DAVID M., US
[71] AK STEEL PROPERTIES, INC., US
[85] 2014-03-19
[86] 2012-09-26 (PCT/US2012/057191)
[87] (WO2013/049103)
[30] US (61/539,259) 2011-09-26

[21] **2,849,305**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 49/00 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **APPARATUS, COMPUTER READABLE MEDIUM, AND PROGRAM CODE FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DOWNHOLE ACOUSTIC SENSORS AND TELEMTRY SYSTEM**
[54] **APPAREIL, SUPPORT LISIBLE PAR ORDINATEUR, ET CODE PROGRAMME POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES DE FOND DE TROU ET D'UN SYSTEME DE TELEMETRIE**
[72] YANG, YUNLAI, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-19
[86] 2012-09-26 (PCT/US2012/057201)
[87] (WO2013/049111)
[30] US (61/539,242) 2011-09-26
[30] US (61/539,246) 2011-09-26
[30] US (13/554,019) 2012-07-20
[30] US (13/553,958) 2012-07-20

[21] **2,849,306**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12N 15/12 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **SCREENING METHOD**
[54] **PROCEDE DE DEPISTAGE**
[72] SCHWARZ, QUENTEN PHILIP, AU
[72] LOPEZ, ANGEL FRANCISCO, AU
[71] MEDVET SCIENCES PTY LTD, AU
[85] 2014-03-20
[86] 2012-09-21 (PCT/AU2012/001141)
[87] (WO2013/040650)
[30] AU (2011903906) 2011-09-22

[21] **2,849,307**
[13] A1
[51] **Int.Cl. G02F 1/153 (2006.01) G02F 1/155 (2006.01)**
[25] EN
[54] **FLEXIBLE TRANSPARENT ELECTROCHROMIC DEVICE, AND A METHOD FOR THE PREPARATION THEREOF**
[54] **APPAREIL ELECTROCHROMATIQUE TRANSPARENT ET FLEXIBLE ET METHODE DE PREPARATION DE CELUI-CI**
[72] POSSET, UWE, DE
[72] HERBIG, BETTINA, DE
[72] SCHOTTNER, GERHARD, DE
[72] RUFFO, RICCARDO, IT
[72] SALAMONE, MATTEO MARCO, IT
[72] MARI, CLAUDIO MARIA, IT
[72] BEVERINA, LUCA, IT
[72] PAGANI, GIORGIO, IT
[72] ZAGHIB, KARIM, CA
[72] LABRECQUE, JEAN-FRANCOIS, CA
[72] GUERFI, ABDELBAST, CA
[72] PERRIER, MICHEL, CA
[72] DONTIGNY, MARTIN, CA
[71] HYDRO-QUEBEC, CA
[71] FRAUNHOFER GELELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] CONSORZIO INTERUNIVERSITARIO NAZIONALE PER LA SCIENZA E TECNOLOGIA DEI MATERIALI INSTM, IT
[71] UNIVERSITA DEGLI STUDI DI MILANO - BICOCCA, IT
[85] 2014-03-19
[86] 2012-09-19 (PCT/EP2012/068434)
[87] (WO2013/041562)
[30] EP (11181749.0) 2011-09-19

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[21] 2,849,308
[13] A1

[51] Int.Cl. G01V 1/48 (2006.01) G01V 1/30 (2006.01)

[25] EN

[54] METHODS OF EVALUATING ROCK PROPERTIES WHILE DRILLING USING DOWNHOLE ACOUSTIC SENSORS AND TELEMETRY SYSTEM

[54] PROCÉDES POUR ÉVALUER LES PROPRIÉTÉS D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES DE FOND DE TROU ET D'UN SYSTÈME DE TELEMETRIE

[72] YANG, YUNLAI, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2014-03-19

[86] 2012-09-26 (PCT/US2012/057222)

[87] (WO2013/049124)

[30] US (61/539,246) 2011-09-26

[30] US (61/539,242) 2011-09-26

[30] US (13/554,019) 2012-07-20

[30] US (13/553,958) 2012-07-20

[21] 2,849,309
[13] A1

[51] Int.Cl. C07C 279/22 (2006.01) A61K 31/155 (2006.01)

[25] FR

[54] NOVEL COMPOUNDS MODULATING THE HEDGEHOG PROTEIN SIGNALING PATHWAY, MARKED FORMS THEREOF, AND APPLICATIONS

[54] NOUVEAUX COMPOSES MODULATEURS DE LA VOIE DE SIGNALISATION DES PROTEINES HEDGEHOG, LEURS FORMES MARQUEES, ET APPLICATIONS

[72] RUAT, MARTIAL, FR

[72] FAURE, HELENE, FR

[72] ROUDAUT, HERMINE, FR

[72] HOCH, LUCILE, FR

[72] SCHÖENFELDER, ANGELE, FR

[72] TADDEI, MAURIZIO, IT

[72] MANN, ANDRE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] UNIVERSITE DE STRASBOURG, FR

[85] 2014-03-19

[86] 2012-09-21 (PCT/IB2012/055033)

[87] (WO2013/042082)

[30] FR (11 58519) 2011-09-23

[21] 2,849,310
[13] A1

[51] Int.Cl. E21B 49/00 (2006.01) G01V 1/30 (2006.01) G06F 19/00 (2011.01)

[25] EN

[54] APPARATUS, COMPUTER READABLE MEDIUM, AND PROGRAM CODE FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DOWNHOLE ACOUSTIC SENSORS AND A DOWNHOLE BROADBAND TRANSMITTING SYSTEM

[54] APPAREIL, SUPPORT LISIBLE PAR ORDINATEUR, ET CODE PROGRAMME POUR ÉVALUER LES PROPRIÉTÉS D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES DE FOND DE TROU ET D'UN SYSTÈME DE TRANSMISSION A LARGE BANDE DE FOND DE TROU

[72] YANG, YUNLAI, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2014-03-19

[86] 2012-09-26 (PCT/US2012/057244)

[87] (WO2013/049140)

[30] US (61/539,171) 2011-09-26

[30] US (61/539,165) 2011-09-26

[30] US (61/539,242) 2011-09-26

[30] US (13/554,019) 2012-07-20

[30] US (13/554,077) 2012-07-20

[30] US (13/554,369) 2012-07-20

[21] 2,849,311
[13] A1

[51] Int.Cl. A61B 19/00 (2006.01) A61B 17/58 (2006.01) A61B 17/60 (2006.01) A61F 2/00 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR PRECISE PROSTHESIS POSITIONING IN HIP ARTHROPLASTY

[54] SYSTÈME ET PROCÉDE DE POSITIONNEMENT PRÉCIS D'UNE PROTHÈSE POUR UNE ARTHROPLASTIE DE LA HANCHE

[72] AGHAZADEH, MEHRAN S., US

[71] ARTHROCAD, INC., US

[85] 2014-03-19

[86] 2012-09-28 (PCT/US2012/057862)

[87] (WO2013/049534)

[30] US (61/540,853) 2011-09-29

[21] 2,849,312
[13] A1

[51] Int.Cl. G06F 21/60 (2013.01) G06F 15/16 (2006.01)

[25] EN

[54] SECURE INTEGRATED CYBERSPACE SECURITY AND SITUATIONAL AWARENESS SYSTEM

[54] SYSTÈME SÉCURISÉ INTÉGRÉ DE SÉCURITÉ DE CYBERSPACE ET DE CONNAISSANCE DE LA SITUATION

[72] HAYNES, STEPHEN PICKY, US

[71] UNISYS CORPORATION, US

[85] 2014-03-19

[86] 2012-09-28 (PCT/US2012/057938)

[87] (WO2013/052377)

[30] US (13/248,114) 2011-09-29

[21] 2,849,313
[13] A1

[51] Int.Cl. G06Q 10/04 (2012.01) G06Q 50/22 (2012.01)

[25] EN

[54] METHOD FOR GENERATING HEALTHCARE-RELATED VALIDATED PREDICTION MODELS FROM MULTIPLE SOURCES

[54] PROCÉDE POUR GÉNÉRER DES MODÈLES DE PRÉVISION VALIDÉS LIÉS À DES SOINS DE SANTÉ À PARTIR DE SOURCES MULTIPLES

[72] YAO, MYLENE, US

[72] WONG, WING IL, US

[72] CHOI, BOKYUNG, US

[71] UNIFY INC., US

[85] 2014-03-19

[86] 2012-09-30 (PCT/US2012/058189)

[87] (WO2013/049771)

[30] US (61/541,468) 2011-09-30

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[21] 2,849,314
[13] A1

[51] Int.Cl. E21B 49/00 (2006.01) G01V 1/30 (2006.01)

[25] EN

[54] METHODS OF EVALUATING ROCK PROPERTIES WHILE DRILLING USING DOWNHOLE ACOUSTIC SENSORS AND A DOWNHOLE BROADBAND TRANSMITTING SYSTEM

[54] PROCEDES POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES DE FOND DE TROU ET D'UN SYSTEME DE TRANSMISSION A LARGE BANDE DE FOND DE TROU.

[72] YANG, YUNLAI, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2014-03-19

[86] 2012-09-26 (PCT/US2012/057274)

[87] (WO2013/049158)

[30] US (61/539,246) 2011-09-26

[30] US (61/539,165) 2011-09-26

[30] US (61/539,171) 2011-09-26

[30] US (13/554,077) 2012-07-20

[30] US (13/553,958) 2012-07-20

[30] US (13/554,369) 2012-07-20

[21] 2,849,315
[13] A1

[51] Int.Cl. B63C 9/08 (2006.01) B63B 22/18 (2006.01)

[25] EN

[54] SAFETY BUOY

[54] BOUEE DE SECURITE

[72] WALLACE, NEIL JOHN, AU

[71] RIP BUOY HOLDINGS LIMITED, AU

[85] 2014-03-20

[86] 2012-10-12 (PCT/AU2012/001237)

[87] (WO2013/053012)

[30] AU (2011904226) 2011-10-14

[21] 2,849,316
[13] A1

[51] Int.Cl. G06Q 20/10 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)

[25] EN

[54] SECURELY RELOADABLE ELECTRONIC WALLET

[54] PORTE-MONNAIE ELECTRONIQUE RECHARGEABLE DE FACON SURE

[72] KAMOTSKYY, OLEKSANDR, US

[72] KENNEDY, IAIN A., US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2014-03-19

[86] 2012-09-26 (PCT/US2012/057321)

[87] (WO2013/049192)

[30] US (13/246,701) 2011-09-27

[21] 2,849,317
[13] A1

[51] Int.Cl. G01B 11/16 (2006.01) E21B 47/00 (2012.01) G01L 1/24 (2006.01)

[25] EN

[54] MONITORING STRUCTURAL SHAPE OR DEFORMATIONS WITH HELICAL-CORE OPTICAL FIBER

[54] SURVEILLANCE D'UNE FORME STRUCTURELLE OU DE DEFORMATIONS AU MOYEN D'UNE FIBRE OPTIQUE A AME HELICOIDALE

[72] DUNCAN, ROGER G., US

[72] CHILDERS, BROOKS A., US

[72] HALL, TRAVIS S., US

[71] BAKER HUGHES INCORPORATED, US

[71] BAKER HUGHES INCORPORATED, US

[85] 2014-03-19

[86] 2012-09-07 (PCT/US2012/054084)

[87] (WO2013/055465)

[30] US (61/546,319) 2011-10-12

[21] 2,849,319
[13] A1

[51] Int.Cl. G06F 15/16 (2006.01)

[25] EN

[54] CLOUD MANAGEMENT SYSTEM AND METHOD

[54] SYSTEME ET PROCEDE DE GESTION DE NUAGE

[72] SALSBURG, MICHAEL A., US

[71] UNISYS CORPORATION, US

[85] 2014-03-19

[86] 2012-09-27 (PCT/US2012/057433)

[87] (WO2013/049273)

[30] US (13/248,070) 2011-09-29

[21] 2,849,320
[13] A1

[51] Int.Cl. A23K 1/16 (2006.01) A23K 1/14 (2006.01)

[25] EN

[54] PROCESS FOR MAKING FORTIFIED ANIMAL FEED

[54] PROCEDE POUR LA FABRICATION D'ALIMENT POUR ANIMAUX A BASE DE GRAINES OLEAGINEUSES ENRICHIES

[72] LEGAULT, RAYMOND D., CA

[71] R.D. LEGAULT SEEDS, LTD., CA

[85] 2014-03-20

[86] 2011-10-12 (PCT/CA2011/001140)

[87] (WO2013/053035)

[21] 2,849,321
[13] A1

[51] Int.Cl. H04M 1/725 (2006.01) H04M 1/02 (2006.01)

[25] EN

[54] PORTABLE COMMUNICATION DEVICES WITH ACCESSORY FUNCTIONS AND RELATED METHODS

[54] DISPOSITIFS DE COMMUNICATION PORTABLES DOTES DE FONCTIONS ACCESSOIRES ET PROCEDES APPARENTES

[72] CHAPMAN, BRIAN S., US

[71] THE BOEING COMPANY, US

[85] 2014-03-19

[86] 2012-09-11 (PCT/US2012/054672)

[87] (WO2013/055479)

[30] US (13/272,708) 2011-10-13

Demandes PCT entrant en phase nationale

[21] **2,849,322**
[13] A1

[51] Int.Cl. H01H 71/02 (2006.01) H02B 1/04 (2006.01)

[25] EN

[54] **MOLDED CASE CIRCUIT BREAKER CAPABLE OF WITHSTANDING SHORT CIRCUIT CONDITIONS**

[54] **COUPE-CIRCUIT EN BOITIER MOULE, APTE A RESISTER A DES CONDITIONS DE COURT-CIRCUIT**

[72] POLSTON, LARRY D., US

[72] CHAVEZ, IVAN D., MX

[71] SCHNEIDER ELECTRIC USA, INC., US

[85] 2014-03-19

[86] 2012-10-03 (PCT/US2012/058529)

[87] (WO2013/055550)

[30] US (13/271,351) 2011-10-12

[21] **2,849,323**
[13] A1

[51] Int.Cl. A61K 8/41 (2006.01) A61K 8/49 (2006.01) A61Q 5/00 (2006.01) A61Q 5/12 (2006.01) A61Q 7/00 (2006.01)

[25] EN

[54] **HAIR CARE COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS DE SOIN DES CHEVEUX ET PROCEDES D'UTILISATION**

[72] COMBS, MARY JANE, US

[72] LAIDIG, WILLIAM DAVID, US

[72] KROGER-LYONS, KELLY ROSE, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-03-19

[86] 2012-10-03 (PCT/US2012/058560)

[87] (WO2013/052545)

[30] US (61/542,546) 2011-10-03

[21] **2,849,324**
[13] A1

[51] Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)

[25] EN

[54] **SYSTEMS AND METHODS FOR CONTACTLESS TRANSACTION PROCESSING**

[54] **SYSTEMES ET PROCEDES DE TRAITEMENT SANS CONTACT DE TRANSACTIONS**

[72] WOLFOND, GREG, CA

[72] RONDA, TROY, CA

[72] BOYSEN, ANDRE, CA

[72] DAS, ABHISHEK, CA

[72] VARLEY, MICHAEL, CA

[71] SECUREKEY TECHNOLOGIES INC., CA

[85] 2014-03-20

[86] 2012-09-21 (PCT/CA2012/000866)

[87] (WO2013/040684)

[30] US (61/538,036) 2011-09-22

[21] **2,849,325**
[13] A1

[51] Int.Cl. H04N 7/15 (2006.01) G06F 15/16 (2006.01)

[25] EN

[54] **CONVEYING GAZE INFORMATION IN VIRTUAL CONFERENCE**

[54] **ACHEMINEMENT D'INFORMATIONS DE REGARD DANS CONFERENCE VIRTUELLE**

[72] DIAO, JIE, US

[71] DIAO, JIE, US

[85] 2014-03-19

[86] 2012-09-11 (PCT/US2012/054676)

[87] (WO2013/043416)

[30] US (13/244,114) 2011-09-23

[21] **2,849,329**
[13] A1

[51] Int.Cl. C07C 21/18 (2006.01) C09K 5/04 (2006.01)

[25] EN

[54] **AZEOTROPE-LIKE COMPOSITION OF 1,1,1,2,2,3,3-HEPTAFLUORO-3-METHOXYPROPANE AND 1-CHLORO-3,3,3-TRIFLUOROPROPENE**

[54] **COMPOSITION PSEUDO-AZEOTROPE DE 1,1,1,2,2,3,3-HEPTAFLUORO-3-METHOXYPROPANE ET DE 1-CHLORO-3,3,3-TRIFLUOROPROPENE**

[72] ABBAS, LAURENT, US

[72] VAN HORN, BRETT, US

[71] ARKEMA INC., US

[85] 2014-03-19

[86] 2012-09-12 (PCT/US2012/054745)

[87] (WO2013/043425)

[30] US (13/237,024) 2011-09-20

[21] **2,849,330**
[13] A1

[51] Int.Cl. G02B 21/36 (2006.01) G02B 21/06 (2006.01) G02B 21/34 (2006.01)

[25] EN

[54] **SLIDE SCANNER WITH A TILTED IMAGE**

[54] **SCANNER DE DIAPOSITIVES AYANT UN PLAN IMAGE INCLINE**

[72] DAMASKINOS, SAVVAS (NMI), CA

[72] DIXON, ARTHUR EDWARD, CA

[71] HURON TECHNOLOGIES INTERNATIONAL INC., CA

[85] 2014-03-20

[86] 2012-09-21 (PCT/CA2012/000868)

[87] (WO2013/040686)

[30] US (61/537,460) 2011-09-21

PCT Applications Entering the National Phase

[21] **2,849,331**
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/00 (2006.01) A61K 31/205 (2006.01) A61K 31/4439 (2006.01) A61K 31/519 (2006.01) A61P 1/00 (2006.01)**

[25] EN

[54] **TREATMENT OF PHARMACOLOGICAL-INDUCED HYPOCHLORHYDRIA**

[54] **TRAITEMENT DE L'HYPOCHLORHYDRIE INDUITE PHARMACOLOGIQUEMENT**

[72] BENET, LESLIE Z., US

[72] DALZIEL, GENA, US

[72] DEAN, BRIAN, US

[72] DRESSER, MARK, US

[72] FRYMOYER, ADAM, US

[72] HOLDEN, SCOTT, US

[72] JIN, JIN, US

[72] WARE, JOSEPH A., US

[71] GENENTECH, INC., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2014-03-19

[86] 2012-10-12 (PCT/US2012/059875)

[87] (WO2013/055996)

[30] US (61/546,814) 2011-10-13

[21] **2,849,332**
[13] A1

[51] **Int.Cl. E04D 13/03 (2006.01) E04D 13/035 (2006.01)**

[25] EN

[54] **A ROOF WINDOW WITH AN INSULATING ELEMENT**

[54] **FENETRE DE TOIT A ELEMENT ISOLANT**

[72] RASMUSSEN, STEN, DK

[71] VKR HOLDING A/S, DK

[85] 2014-03-20

[86] 2012-10-04 (PCT/DK2012/050372)

[87] (WO2013/050040)

[30] DK (PA 2011 70549) 2011-10-04

[21] **2,849,333**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/00 (2006.01) C09K 8/467 (2006.01)**

[25] EN

[54] **POLYURETHANE POWDER BLEND WITH REDISPERSIBLE POLYMER POWDER FOR CEMENT COMPOSITIONS**

[54] **MELANGE DE POUDRE DE POLYURETHANE AVEC POUDRE DE POLYMERE DISPERSIBLE POUR DES COMPOSITIONS CIMENTAIRES**

[72] DOMBROWSKI, JUERGEN, DE

[72] KUEHN, HARTMUT, DE

[72] PERELLO, MARGARITA, CH

[72] SCHARLEMANN, SONJA, DE

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2014-03-19

[86] 2012-10-24 (PCT/US2012/061516)

[87] (WO2013/062986)

[30] US (61/552,756) 2011-10-28

[21] **2,849,334**
[13] A1

[51] **Int.Cl. C40B 40/10 (2006.01) G06F 19/28 (2011.01) C40B 30/00 (2006.01) C40B 30/02 (2006.01) C40B 50/02 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR SPECIES-SPECIFIC KINOME MICROARRAYS**

[54] **PROCEDES ET COMPOSITIONS POUR MICROPUCES DE KINOME SPECIFIQUE POUR UNE ESPECE**

[72] NAPPER, SCOTT, CA

[72] KUSALIK, ANTHONY, CA

[72] ARSENAULT, RYAN, US

[72] GRIEBEL, PHILIP, CA

[72] TROST, BRETT, CA

[71] UNIVERSITY OF SASKATCHEWAN, CA

[85] 2014-03-20

[86] 2012-09-21 (PCT/CA2012/000893)

[87] (WO2013/040697)

[30] US (61/537,941) 2011-09-22

[30] US (61/619,902) 2012-04-03

[30] IB (PCT/IB2012/001254) 2012-06-24

[21] **2,849,335**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/575 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR IDENTIFYING AND TREATING ANTI-PROGESTIN SENSITIVE TUMORS**

[54] **PROCEDES ET SYSTEMES POUR IDENTIFIER ET TRAITER DES TUMEURS SENSIBLES AUX ANTIPROGESTINES**

[72] GILLES, ERARD, US

[71] GILLES, ERARD, US

[85] 2014-03-19

[86] 2012-10-04 (PCT/US2012/058732)

[87] (WO2013/052652)

[30] US (61/542,931) 2011-10-04

[21] **2,849,337**
[13] A1

[51] **Int.Cl. B65D 5/50 (2006.01) B65D 5/54 (2006.01) B65D 51/18 (2006.01) B65D 85/48 (2006.01)**

[25] EN

[54] **A PACKAGING FOR A WINDOW AND A METHOD FOR PACKING**

[54] **EMBALLAGE POUR UNE FENETRE ET PROCEDE D'EMBALLAGE**

[72] JORGENSEN, CHRISTIAN TAULOV, DK

[71] VKR HOLDING A/S, DK

[85] 2014-03-20

[86] 2012-10-04 (PCT/DK2012/050373)

[87] (WO2013/050041)

[30] DK (PA 2011 70546) 2011-10-04

[21] **2,849,338**
[13] A1

[51] **Int.Cl. B64G 1/00 (2006.01) B64G 1/40 (2006.01) B64G 1/64 (2006.01) B64G 1/24 (2006.01) B64G 1/42 (2006.01) B64G 1/44 (2006.01) B64G 1/50 (2006.01)**

[25] FR

[54] **PROPULSION BAY**

[54] **BAIE PROPULSIVE**

[72] BULTEL, PASCAL, FR

[71] CENTRE NATIONAL D'ETUDES SPATIALES, FR

[85] 2014-03-20

[86] 2012-09-20 (PCT/EP2012/068490)

[87] (WO2013/041598)

[30] FR (1158366) 2011-09-20

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[21] 2,849,339
[13] A1

[51] Int.Cl. C08J 3/24 (2006.01) C08J 3/20 (2006.01) C08L 23/22 (2006.01) C08L 51/08 (2006.01) C08L 77/00 (2006.01)

[25] EN

[54] **PROCESS FOR CONTINUOUS PRODUCTION OF HALOGEN-FREE THERMOPLASTIC ELASTOMER COMPOSITIONS**

[54] **PROCEDE POUR LA PRODUCTION EN CONTINU DE COMPOSITIONS D'ELASTOMERE THERMOPLASTIQUE EXEMPTES D'HALOGENE**

[72] SIEGERS, CONRAD, CA

[72] SCHENKEL, RALF-INGO, DE

[72] RAYNER, KRISTA, CA

[71] LANXESS BUTYL PTE. LTD., SG

[85] 2014-03-20

[86] 2012-09-28 (PCT/CA2012/000909)

[87] (WO2013/044370)

[30] EP (11183163.2) 2011-09-28

[21] 2,849,340
[13] A1

[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 37/06 (2006.01) C07D 487/04 (2006.01)

[25] EN

[54] **PYRAZOLO[4,3-C]PYRIDINE DERIVATIVES AS KINASE INHIBITORS**

[54] **DERIVES DE PYRAZOLO[4,3-C]PYRIDINE COMME INHIBITEURS DE KINASES**

[72] RAMSDEN, NIGEL, GB

[72] DAGOSTIN, CLAUDIO, GB

[71] CELLZOME LIMITED, GB

[85] 2014-03-20

[86] 2012-09-20 (PCT/EP2012/068504)

[87] (WO2013/041605)

[30] EP (11182020.5) 2011-09-20

[21] 2,849,341
[13] A1

[51] Int.Cl. C04B 28/02 (2006.01) C04B 16/08 (2006.01) C04B 24/26 (2006.01) C08J 3/12 (2006.01)

[25] EN

[54] **USE OF POLYURETHANE POWDER AS INNER ADDITIVE OF REDISPERSIBLE POLYMER POWDER**

[54] **UTILISATION D'UNE POUDRE DE POLYURETHANE A TITRE D'ADDITIF INTERNE DE POUDRE POLYMERE SUSCEPTIBLE DE REDISPERSION**

[72] DOMBROWSKI, JUERGEN, DE

[72] KUEHN, HARTMUT, DE

[72] PERELLO, MARGARITA, CH

[72] SCHARLEMANN, SONJA, DE

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2014-03-19

[86] 2012-10-24 (PCT/US2012/061578)

[87] (WO2013/063036)

[30] US (61/552,737) 2011-10-28

[21] 2,849,342
[13] A1

[51] Int.Cl. G01N 33/569 (2006.01)

[25] EN

[54] **BIOMARKERS FOR RESPIRATORY INFECTION**

[54] **BIOMAQUEURS POUR INFECTION RESPIRATOIRE**

[72] AUTON, KEVIN ANDREW, GB

[71] ASEPTIKA LTD, GB

[85] 2014-03-20

[86] 2012-09-19 (PCT/GB2012/052307)

[87] (WO2013/041854)

[30] GB (1116234.4) 2011-09-20

[30] GB (1213025.8) 2012-07-23

[21] 2,849,343
[13] A1

[51] Int.Cl. C07D 407/12 (2006.01) A01N 43/08 (2006.01) A61K 31/365 (2006.01) A61P 35/00 (2006.01) C07D 307/60 (2006.01) C07D 405/12 (2006.01) C07D 407/14 (2006.01)

[25] EN

[54] **USE OF STRIGOLACTONES AND STRIGOLACTONE ANALOGS FOR TREATING PROLIFERATIVE CONDITIONS**

[54] **UTILISATION DE STRIGOLACTONES ET D'ANALOGUES DE STRIGOLACTONE POUR TRAITER DES AFFECTIONS PROLIFERATIVES**

[72] GEORGETOW UNIVERSITY, US

[72] KAPULNIK, YORAM, IL

[72] KOLTAI, HINANIT, IL

[72] YARDEN, RONIT, US

[72] PRANDI, CRISTINA, IT

[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER), IL

[71] GEORGETOWN UNIVERSITY, US

[85] 2014-03-20

[86] 2012-09-20 (PCT/IL2012/050381)

[87] (WO2013/042124)

[30] US (61/537,062) 2011-09-21

[30] US (61/614,965) 2012-03-23

[21] 2,849,344
[13] A1

[51] Int.Cl. C02F 1/50 (2006.01)

[25] EN

[54] **PROCESS AND COMPOSITION FOR THE REMOVAL OF HYDROGEN SULFIDE FROM INDUSTRIAL PROCESS FLUIDS**

[54] **PROCESSUS ET COMPOSITION POUR L'ELIMINATION DU SULFURE D'HYDROGENE DE FLUIDES DE PROCESSUS INDUSTRIELS**

[72] JANAK, KEVIN, US

[71] LONZA INC., US

[85] 2014-03-20

[86] 2012-09-21 (PCT/EP2012/068592)

[87] (WO2013/041654)

[30] US (61/538,265) 2011-09-23

PCT Applications Entering the National Phase

[21] 2,849,345
[13] A1
[51] Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] SUBSTITUTED IMIDAZOPYRIDAZINES
[54] IMIDAZOPYRIDAZINES SUBSTITUEES
[72] EIS, KNUT, DE
[72] PUHLER, FLORIAN, DE
[72] ZORN, LUDWIG, DE
[72] SCHOLZ, ARNE, DE
[72] LIENAU, PHILIP, DE
[72] GNOTH, MARK JEAN, DE
[72] BOMER, ULF, DE
[72] GUNTHER, JUDITH, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2014-03-20
[86] 2012-09-20 (PCT/EP2012/068563)
[87] (WO2013/041634)
[30] EP (11182438.9) 2011-09-23
[30] EP (11187793.2) 2011-11-04
[30] EP (11187794.0) 2011-11-04
[30] EP (11187795.7) 2011-11-04

[21] 2,849,346
[13] A1
[51] Int.Cl. C07C 67/03 (2006.01)
[25] EN
[54] PROCESS TO PRODUCE ALKENOIC ACID ESTERS FROM LACTONES
[54] PROCEDE DE PRODUCTION D'ESTERS D'ACIDE ALCENOIQUE A PARTIR DE LACTONES
[72] CASTELJINS, ANNA MARIA CORNELIA FRANCISCA, NL
[71] DSM IP ASSETS B.V., NL
[85] 2014-03-20
[86] 2012-09-24 (PCT/EP2012/068729)
[87] (WO2013/041715)
[30] EP (11182459.5) 2011-09-23
[30] US (61/538,423) 2011-09-23

[21] 2,849,348
[13] A1
[51] Int.Cl. A01N 59/16 (2006.01) A01N 35/02 (2006.01) A01N 37/16 (2006.01) A01N 59/00 (2006.01) C02F 1/00 (2006.01) D21H 21/00 (2006.01)
[25] EN
[54] PREVENTION OF STARCH DEGRADATION IN PULP, PAPER OR BOARD MAKING PROCESSES
[54] PREVENTION DE LA DEGRADATION DE L'AMIDON DANS DES PROCEDES DE FABRICATION DE PATE A PAPIER, DE PAPIER OU DE CARTON
[72] KOLARI, MARKO, FI
[72] EKMAN, JAAKKO, FI
[72] IKAVALKO, SATU, FI
[71] KEMIRA OYJ, FI
[85] 2014-03-20
[86] 2012-09-28 (PCT/EP2012/069228)
[87] (WO2013/045638)
[30] US (61/541,509) 2011-09-30

[21] 2,849,349
[13] A1
[51] Int.Cl. C12P 7/06 (2006.01) A23K 1/00 (2006.01) A23L 1/305 (2006.01) A23L 1/314 (2006.01) C12P 7/10 (2006.01)
[25] EN
[54] METHOD FOR THE SIMULTANEOUS PRODUCTION OF ETHANOL AND A FERMENTED, SOLID PRODUCT
[54] PROCEDE POUR LA PRODUCTION SIMULTANEE D'ETHANOL ET D'UN PRODUIT SOLIDE FERMENTE
[72] HANSEN, OLE KAAE, DK
[72] ELLEGARD, KATRINE HVID, DK
[72] THOMSEN, KARL KRISTIAN, DK
[71] HAMLET PROTEIN A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/EP2012/069601)
[87] (WO2013/050456)
[30] US (61/543,907) 2011-10-06
[30] EP (11184135.9) 2011-10-06
[30] US (61/638,777) 2012-04-26

[21] 2,849,350
[13] A1
[51] Int.Cl. C07D 213/40 (2006.01) A61K 31/44 (2006.01) C07D 401/04 (2006.01) A61P 25/04 (2006.01)
[25] EN
[54] AMINE SUBSTITUTED METHANESULFONAMIDE DERIVATIVES AS VANILLOID RECEPTOR LIGANDS
[54] DERIVES DE METHANESULFONAMIDE A SUBSTITUTION AMINE EN TANT QUE LIGANDS DES RECEPTEURS DES VANILLOIDES
[72] FRANK-FOLTYN, ROBERT, DE
[72] BAHRENBERG, GREGOR, DE
[72] CHRISTOPH, THOMAS, DE
[72] LESCH, BERNHARD, DE
[72] LEE, JEEWO, KR
[71] GRUNENTHAL GMBH, DE
[85] 2014-03-20
[86] 2012-09-25 (PCT/EP2012/068882)
[87] (WO2013/045451)
[30] EP (11007805.2) 2011-09-26

[21] 2,849,351
[13] A1
[51] Int.Cl. B26D 1/36 (2006.01) B26D 7/00 (2006.01) B26D 7/06 (2006.01) B26D 7/08 (2006.01) B26D 7/26 (2006.01)
[25] EN
[54] IMPELLER FOR CENTRIFUGAL FOOD CUTTING APPARATUS AND CENTRIFUGAL FOOD CUTTING APPARATUS COMPRISING SAME
[54] ROTOR POUR APPAREIL DE DECOUPE D'ALIMENTS DU TYPE CENTRIFUGE ET APPAREIL DE DECOUPE D'ALIMENTS DU TYPE CENTRIFUGE COMPORTANT CELUI-CI
[72] BUCKS, BRENT L., US
[71] FAM, BE
[85] 2014-03-20
[86] 2012-09-28 (PCT/EP2012/069297)
[87] (WO2013/045685)
[30] US (61/540,291) 2011-09-28

Demandes PCT entrant en phase nationale

[21] **2,849,352**
[13] A1

[51] **Int.Cl. B01J 20/26 (2006.01) B01J 19/12 (2006.01) C08F 2/46 (2006.01) C08F 2/48 (2006.01) C08F 293/00 (2006.01)**

[25] EN

[54] **PHOTOREACTOR AND PROCESS FOR PREPARING MIP NANOPARTICLES**

[54] **PHOTOREACTEUR ET PROCEDE DE PREPARATION DE NANOPARTICULES MIP**

[72] PILETSKY, SERGEY, GB

[72] PILETSKA, OLENA, GB

[72] GUERREIRO, ANTONIO, GB

[72] WHITCOMBE, MICHAEL, GB

[72] POMA, ALESSANDRO, GB

[71] CRANFIELD UNIVERSITY, GB

[85] 2014-03-20

[86] 2012-09-20 (PCT/GB2012/052318)

[87] (WO2013/041861)

[30] GB (1116312.8) 2011-09-21

[21] **2,849,353**
[13] A1

[51] **Int.Cl. E04D 13/035 (2006.01)**

[25] EN

[54] **A FRAME FOR A WINDOW AND A METHOD FOR MAKING A FRAME**

[54] **CADRE DE FENETRE ET PROCEDE DE FABRICATION D'UN CADRE**

[72] KOED, IVER, DK

[71] VKR HOLDING A/S, DK

[85] 2014-03-20

[86] 2012-10-04 (PCT/DK2012/050374)

[87] (WO2013/050042)

[30] DK (PA 2011 70556) 2011-10-04

[21] **2,849,354**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) B01L 3/14 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **STABILISATION AND ISOLATION OF EXTRACELLULAR NUCLEIC ACIDS**

[54] **STABILISATION ET ISOLEMENT D'ACIDES NUCLEIQUES EXTRACELLULAIRES**

[72] HORLITZ, MARTIN, DE

[72] SCHUBERT, ANABELLE, DE

[72] SPRENGER-HAUSSELS, MARKUS, DE

[71] PREANALYTIX GMBH, CH

[85] 2014-03-20

[86] 2012-09-25 (PCT/EP2012/068893)

[87] (WO2013/045458)

[30] EP (11182818.2) 2011-09-26

[30] US (61/539,274) 2011-09-26

[21] **2,849,356**
[13] A1

[51] **Int.Cl. H01L 31/05 (2014.01)**

[25] EN

[54] **A METHOD AND SYSTEM FOR OPTIMIZING POWER GENERATED FROM A PHOTOVOLTAIC SYSTEM**

[54] **PROCEDE ET SYSTEME POUR OPTIMISER L'ENERGIE PRODUITE PAR UN SYSTEME PHOTOVOLTAIQUE**

[72] CLELAND, THOMAS WILLIAM, CA

[71] HYBRIDYNE POWER ELECTRONICS INC., CA

[85] 2014-03-20

[86] 2011-09-23 (PCT/IB2011/002490)

[87] (WO2012/038828)

[30] US (61/385,702) 2010-09-23

[21] **2,849,358**
[13] A1

[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/20 (2006.01) C11D 3/33 (2006.01) C11D 3/37 (2006.01) C11D 3/39 (2006.01) C11D 11/00 (2006.01)**

[25] EN

[54] **FORMULATIONS, THEIR USE AS OR FOR PRODUCING DISHWASHING DETERGENTS AND THEIR PRODUCTION**

[54] **FORMULATIONS, LEUR UTILISATION COMME DETERGENTS POUR VAISSELLE OU POUR LA FABRICATION DE DETERGENTS POUR VAISSELLE, ET LEUR PREPARATION**

[72] HUFFER, STEPHAN, DE

[72] GARCIA MARCOS, ALEJANDRA, DE

[72] HARTMANN, MARKUS, DE

[72] WEBER, HEIKE, DE

[71] BASF SE, DE

[85] 2014-03-20

[86] 2012-09-27 (PCT/EP2012/069040)

[87] (WO2013/056965)

[30] EP (11185825.4) 2011-10-19

[30] EP (12156369.6) 2012-02-21

[21] **2,849,359**
[13] A1

[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/04 (2006.01) C11D 3/12 (2006.01) C11D 3/20 (2006.01) C11D 3/33 (2006.01) C11D 3/34 (2006.01) C11D 3/37 (2006.01)**

[25] EN

[54] **FORMULATIONS, PRODUCTION THEREOF AND USE THEREOF AS OR FOR PRODUCING DISHWASHING DETERGENTS**

[54] **FORMULATIONS, LEUR UTILISATION COMME DETERGENTS POUR VAISSELLE OU POUR LA FABRICATION DE DETERGENTS POUR VAISSELLE, ET LEUR PREPARATION**

[72] HUFFER, STEPHAN, DE

[72] HARTMANN, MARKUS, DE

[72] FISCHER, SONJA, DE

[72] FASBENDER, STEFAN, DE

[71] BASF SE, DE

[85] 2014-03-20

[86] 2012-10-12 (PCT/EP2012/070229)

[87] (WO2013/057041)

[30] EP (11185838.7) 2011-10-19

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[21] **2,849,360**
[13] A1
[51] **Int.Cl. F16D 65/092 (2006.01) F16D 55/226 (2006.01)**
[25] EN
[54] **DISK BRAKE, IN PARTICULAR FOR A UTILITY VEHICLE, AND BRAKE LINING FOR A DISK BRAKE**
[54] **FREIN A DISQUE, EN PARTICULIER POUR VEHICULE UTILITAIRE ET GARNITURE DE FREIN POUR FREIN A DISQUE**
[72] PAHLE, WOLFGANG, DE
[71] KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH, DE
[85] 2014-03-20
[86] 2012-09-27 (PCT/EP2012/069094)
[87] (WO2013/045556)
[30] DE (10 2011 115 214.1) 2011-09-28

[21] **2,849,361**
[13] A1
[51] **Int.Cl. A01N 25/10 (2006.01) A01N 25/12 (2006.01) A01N 25/30 (2006.01) A01N 43/653 (2006.01) A01N 47/24 (2006.01) A01N 53/00 (2006.01)**
[25] EN
[54] **SOLID AGROFORMULATIONS PREPARED FROM A MELT OF PESTICIDE AND POLYALKOXYLATE, OPTIONALLY CONTAINING LIQUID ADJUVANT COMPLEXED WITH POLYCARBOXYLATE**
[54] **PREPARATIONS AGRONOMIQUES SOLIDES OBTENUES AVEC UN MELANGE DE PESTICIDE ET DE POLYALCOXYLATE, CONTENANT EVENTUELLEMENT UN ADJUVANT LIQUIDE EN COMPLEXE AVEC UN POLYCARBOXYLATE**
[72] TARANTA, CLAUDE, DE
[72] BORK, THOMAS, DE
[72] SCHREIECK, JOCHEN, DE
[72] MÜLLER, HELMUT, DE
[72] RIEDIGER, NADINE, DE
[72] KLEIN, CLARK D., US
[72] WILLIS, REBECCA, US
[72] SIKULJAK, TATJANA, DE
[72] MERTOGLU, MURAT, DE
[71] BASF SE, DE
[85] 2014-03-20
[86] 2012-11-29 (PCT/EP2012/073986)
[87] (WO2013/087417)
[30] US (61/570849) 2011-12-15
[30] EP (11195304.8) 2011-12-22

[21] **2,849,363**
[13] A1
[51] **Int.Cl. E04D 13/03 (2006.01) E04D 13/035 (2006.01)**
[25] EN
[54] **A ROOF WINDOW WITH A COVERING FASTENING DEVICE**
[54] **FENETRE DE TOIT MUNIE D'UN DISPOSITIF DE FIXATION DE RECOUVREMENT**
[72] VIIG, MARTIN SCHWARTZ, DK
[72] ATZEN, BENT, DK
[71] VKR HOLDING A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/DK2012/050375)
[87] (WO2013/050043)
[30] DK (PA 2011 70548) 2011-10-04

[21] **2,849,364**
[13] A1
[51] **Int.Cl. E04D 13/03 (2006.01) E04D 13/035 (2006.01)**
[25] EN
[54] **A ROOF WINDOW WITH A COVERING MEANS FOR A FRAME**
[54] **FENETRE DE TOIT MUNIE D'UN MOYEN DE RECOUVREMENT POUR CADRE**
[72] ANDERSEN, THOMAS SIRIUS, DK
[71] VKR HOLDING A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/DK2012/050376)
[87] (WO2013/050044)
[30] DK (PA 2011 70552) 2011-10-04

[21] **2,849,366**
[13] A1
[51] **Int.Cl. A61K 31/27 (2006.01) A61K 31/4164 (2006.01) A61K 31/4174 (2006.01) A61K 31/4178 (2006.01) A61K 31/5415 (2006.01) A61K 45/06 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) A61P 27/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PRESBYOPIA, MILD HYPEROPIA, AND IRREGULAR ASTIGMATISM**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER LA PRESBYTIE, L'HYPERMETROPIE LEGERE ET L'ASTIGMATISME IRREGULIER**
[72] ABAD, JUAN CARLOS, CO
[71] ALLERGEN, INC., US
[85] 2014-03-20
[86] 2012-09-19 (PCT/IB2012/002335)
[87] (WO2013/041967)
[30] US (61/536,921) 2011-09-20

[21] **2,849,368**
[13] A1
[51] **Int.Cl. B29C 47/76 (2006.01) B29C 47/08 (2006.01) B29C 47/60 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING VOLATILE CONSTITUENTS FROM POLYMER-CONTAINING MEDIA AND DEVOLATILISATION APPARATUS FOR THIS PURPOSE**
[54] **PROCEDE POUR ELIMINER LES SUBSTANCES VOLATILES RESIDUELLES ISSUES DE MATIERES CONTENANT DES POLYMERES, ET DISPOSITIFS DE DEGAZAGE EMPLOYES A CET EFFET**
[72] KIRCHHOFF, JOERG, DE
[72] KOENIG, THOMAS, DE
[72] BIERDEL, MICHAEL, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2014-03-20
[86] 2012-09-28 (PCT/EP2012/069201)
[87] (WO2013/045623)
[30] EP (11007893.8) 2011-09-28

[21] **2,849,370**
[13] A1
[51] **Int.Cl. C12N 15/864 (2006.01) C12N 15/113 (2010.01) A01K 67/027 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **MODIFIED PARVOVIRUS USEFUL FOR GENE SILENCING**
[54] **PARVOVIRUS MODIFIE UTILE POUR LE SILENCAGE DE L'EXPRESSION GENIQUE**
[72] MARCHINI, ANTONIO, DE
[72] ROMMELAERE, JEAN, DE
[72] LEUCHS, BARBARA, DE
[72] ILLARIONOVA, ANNA, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2014-03-20
[86] 2013-01-25 (PCT/EP2013/000224)
[87] (WO2013/110464)
[30] EP (12000554.1) 2012-01-27

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[21] **2,849,371**
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01) A61F 9/009 (2006.01)**
[25] EN
[54] **SYSTEM, INTERFACE DEVICES, USE OF THE INTERFACE DEVICES AND METHOD FOR EYE SURGERY**
[54] **SYSTEMES, DISPOSITIFS D'INTERFACE, UTILISATION DE CES DISPOSITIFS D'INTERFACE, ET PROCEDE POUR CHIRURGIE DE L'ŒIL**
[72] GORSCHBOTH, CLAUDIA, DE
[72] VOGLER, KLAUS, DE
[72] DONITZKY, CHRISTOF, DE
[71] WAVELIGHT GMBH, DE
[85] 2014-03-20
[86] 2011-10-10 (PCT/EP2011/005062)
[87] (WO2013/053367)

[21] **2,849,373**
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **LASER-ASSISTED EPITHELIAL REMOVAL**
[54] **ELIMINATION D'EPITHELIUM ASSISTEE PAR LASER**
[72] DONITZKY, CHRISTOF, DE
[72] KLENKE, JOERG, DE
[71] WAVELIGHT GMBH, DE
[85] 2014-03-20
[86] 2011-11-10 (PCT/EP2011/005659)
[87] (WO2013/068025)

[21] **2,849,374**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/145 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **VACCIBODIES TARGETED TO CROSS-PRESENTING DENDRITIC CELLS**
[54] **VACCICORPS DIRIGES CONTRE DES CELLULES DENDRITIQUES A PRESENTATION CROISEE**
[72] BOGEN, BJARNE, NO
[72] FOSSUM, EVEN, NO
[72] GRODELAND, GUNNVEIG, NO
[71] UNIVERSITY OF OSLO, NO
[85] 2014-03-20
[86] 2012-09-24 (PCT/IB2012/002330)
[87] (WO2013/041966)
[30] US (61/538,186) 2011-09-23

[21] **2,849,377**
[13] A1

[51] **Int.Cl. C12C 1/02 (2006.01) C12C 1/027 (2006.01) C12C 1/073 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GRAIN STEEPING, GERMINATING, KILN DRYING AND FERMENTING, AND/OR COMBINATIONS THEREOF**
[54] **DISPOSITIF ET PROCEDE POUR LE TREMPAGE, LA GERMINATION, LE TOURAILLAGE, LA FERMENTATION DE GRAINS ET/OU DES COMBINAISONS DE CES OPERATIONS**
[72] GORLITZ, FRANK-OTTO, DE
[72] SILBERMANN, KAI, DE
[72] BISCHOFF, WOLF-ECKART, DE
[71] BUHLER AG, CH
[85] 2014-03-20
[86] 2011-09-30 (PCT/EP2011/067143)
[87] (WO2013/044984)

[21] **2,849,378**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/00 (2006.01) A61K 9/51 (2006.01)**
[25] EN
[54] **NANO DELIVERY SYSTEMS**
[54] **SYSTEMES DE NANOLIBERATION**
[72] BENITA, SIMON, IL
[72] NASSAR, TAHER, IL
[72] AMSALEM, ORIT, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[85] 2014-03-20
[86] 2012-09-20 (PCT/IL2012/050382)
[87] (WO2013/042125)
[30] US (61/537,241) 2011-09-21

[21] **2,849,380**
[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01)**
[25] EN
[54] **USES OF GROWTH AND DIFFERENTIATION FACTOR 8 (GDF-8)**
[54] **UTILISATIONS DU FACTEUR DE CROISSANCE ET DE DIFFERENCIATION 8 (GDF-8)**
[72] ALBARANI, VALENTINA, BE
[72] BASTIANELLI, ENRICO, BE
[72] BIZIMUNGU, CHRISTELLE, BE
[72] JOLY, ALICE, BE
[72] NGUYEN, XUAN MAI, BE
[72] TYTGAT, ISABELLE, BE
[71] BONE THERAPEUTICS S.A., BE
[85] 2014-03-20
[86] 2012-10-10 (PCT/EP2012/069986)
[87] (WO2013/053722)
[30] EP (11184625.9) 2011-10-11

[21] **2,849,381**
[13] A1

[51] **Int.Cl. G03F 7/00 (2006.01) B01D 67/00 (2006.01)**
[25] EN
[54] **FABRICATION OF FREE STANDING MEMBRANES AND USE THEREOF FOR SYNTHESIS OF NANOPARTICLE PATTERNS**
[54] **FABRICATION DE MEMBRANES AUTOPORTANTES ET LEUR UTILISATION POUR LA SYNTHESE DE MOTIFS DE NANOPARTICULES**
[72] YANG, JUN, CA
[72] LI, TINGJIE, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2014-03-20
[86] 2012-10-03 (PCT/CA2012/050697)
[87] (WO2013/049936)
[30] US (61/542,885) 2011-10-04

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[21] 2,849,384
[13] A1
[51] Int.Cl. B01J 19/20 (2006.01) C10B 7/10 (2006.01) C10B 53/02 (2006.01) C10G 1/10 (2006.01)
[25] FR
[54] PROCESS AND INSTALLATION FOR PYROLYSIS OF A PRODUCT IN THE FORM OF DIVIDED SOLIDS, IN PARTICULAR POLYMER WASTE
[54] PROCEDE ET INSTALLATION DE PYROLYSE D'UN PRODUIT SOUS FORME DE SOLIDES DIVISES, EN PARTICULIER DES DECHETS POLYMERIQUES
[72] LEPEZ, OLIVIER, FR
[71] LEPEZ CONSEILS FINANCE INNOVATIONS-LCFI, FR
[85] 2014-03-20
[86] 2011-10-10 (PCT/EP2011/067664)
[87] (WO2013/053380)

[21] 2,849,385
[13] A1
[51] Int.Cl. C07D 401/10 (2006.01) A61K 31/444 (2006.01) A61P 25/06 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)
[25] EN
[54] 2-OXO-PIPERIDINYL DERIVATIVES
[54] DERIVES DE 2-OXO-PIPERIDINYLE
[72] ATES, ALI, BE
[72] MONTEL, FLORIAN, BE
[72] VALADE, ANNE, BE
[72] LORTHIOIR, OLIVIER, BE
[71] UCB PHARMA, S.A., BE
[85] 2014-03-20
[86] 2012-10-10 (PCT/EP2012/070000)
[87] (WO2013/053725)
[30] EP (11184578.0) 2011-10-11

[21] 2,849,386
[13] A1
[51] Int.Cl. G06F 17/30 (2006.01) G06Q 30/00 (2012.01)
[25] EN
[54] SUGGESTION BOX FOR INPUT KEYWORDS
[54] BOITE DE SUGGESTION POUR MOTS CLES D'ENTREE
[72] CHEN, QILIANG, CN
[72] TAN, WEIHUA, CN
[71] GOOGLE INC., US
[85] 2014-03-20
[86] 2011-09-27 (PCT/CN2011/080241)
[87] (WO2013/044451)

[21] 2,849,387
[13] A1
[51] Int.Cl. F03B 3/18 (2006.01) F01D 9/04 (2006.01) F03B 3/02 (2006.01) F03B 3/16 (2006.01) F03B 11/02 (2006.01)
[25] EN
[54] HYDRAULIC MACHINE
[54] MACHINE HYDRAULIQUE
[72] HUYNECK, SEBASTIAN, DE
[72] WENGERT, GERHARD, DE
[71] VOITH PATENT GMBH, DE
[85] 2014-03-20
[86] 2012-07-26 (PCT/EP2012/003158)
[87] (WO2013/056757)
[30] DE (10 2011 116 277.5) 2011-10-19

[21] 2,849,388
[13] A1
[51] Int.Cl. H04J 11/00 (2006.01) H04B 7/26 (2006.01) H04L 1/18 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR SOFT BUFFER PROCESSING
[54] PROCEDE ET APPAREIL PERMETTANT UN TRAITEMENT DE MEMOIRE TAMPON LOGICIELLE
[72] LI, YINGYANG, CN
[72] SUN, CHENGJUN, CN
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-03-20
[86] 2012-09-19 (PCT/KR2012/007497)
[87] (WO2013/042936)
[30] CN (201110279383.7) 2011-09-20
[30] CN (201210102331.7) 2012-04-09
[30] CN (201210272807.1) 2012-08-01
[30] CN (201210283161.7) 2012-08-09
[30] CN (201210320653.9) 2012-08-31

[21] 2,849,389
[13] A1
[51] Int.Cl. A23J 3/34 (2006.01) C07K 1/12 (2006.01) C07K 1/16 (2006.01)
[25] EN
[54] METHOD FOR PRODUCING PEPTIDE FRACTIONS AND USE THEREOF
[54] PROCEDE DE PRODUCTION DE FRACTIONS PEPTIDIQUES ET LEUR UTILISATION
[72] DANNEEL, HANS-JURGEN, DE
[71] HOCHSCHULE OSTWESTFALEN-LIPPE, DE
[85] 2014-03-20
[86] 2012-09-21 (PCT/DE2012/000931)
[87] (WO2013/041080)
[30] DE (10 2011 114 198.0) 2011-09-22

[21] 2,849,393
[13] A1
[51] Int.Cl. A01K 67/033 (2006.01)
[25] EN
[54] PHYTOSEID PREDATORY MITE RELEASING SYSTEM AND METHOD FOR PRODUCTION
[54] SYSTÈME D'EPANDAGE D'ACARIENS PREDATEURS PHYTOSEIDES ET METHODE DE PRODUCTION
[72] BOLCKMANS, KAREL JOZEF FLORENT, BE
[72] VAN HOUTEN, YVONNE MARIA, US
[72] VAN BAAL, ADELMAR EMMANUEL, NL
[72] STAM, ARNO THEODOOR, NL
[71] KOPPERT B.V., NL
[85] 2014-03-20
[86] 2012-09-19 (PCT/NL2012/050663)
[87] (WO2013/043050)
[30] NL (1039058) 2011-09-29

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[21] **2,849,395**
[13] A1

[51] **Int.Cl. F02B 55/08 (2006.01) F02B 43/00 (2006.01) F02B 57/00 (2006.01) F02B 59/00 (2006.01) F02B 63/06 (2006.01) F02B 67/00 (2006.01) F02B 69/00 (2006.01) F02B 75/04 (2006.01) F02B 75/32 (2006.01) F04B 27/06 (2006.01) F16H 21/16 (2006.01) F16H 25/10 (2006.01)**

[25] EN

[54] **AN ENGINE USABLE AS A POWER SOURCE OR PUMP**

[54] **MOTEUR UTILISABLE COMME SOURCE D'ENERGIE OU COMME POMPE**

[72] WHITE, WILLIAM LLEWIS, NZ

[71] GRACE MOTOR WORKS LIMITED, NZ

[85] 2014-03-20

[86] 2011-09-30 (PCT/NZ2011/000205)

[87] (WO2012/044185)

[30] NZ (588122) 2010-09-30

[21] **2,849,396**
[13] A1

[51] **Int.Cl. F16L 3/12 (2006.01) A61M 16/00 (2006.01) A61M 39/00 (2006.01)**

[25] EN

[54] **LOCKING TUBE CLIP**

[54] **BAGUE DE TUBE DE VERROUILLAGE**

[72] GULLIVER, LAURENCE, NZ

[72] ZHANG, PUQING, NZ

[72] RONAYNE, MICHAEL PAUL, NZ

[72] SALMON, ANDREW PAUL MAXWELL, NZ

[72] FAITHFULL, REX GORDON, NZ

[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ

[85] 2014-03-20

[86] 2012-09-21 (PCT/NZ2012/000169)

[87] (WO2013/073970)

[30] US (61537,759) 2011-09-22

[21] **2,849,399**
[13] A1

[51] **Int.Cl. F27B 1/20 (2006.01) F27D 99/00 (2010.01) C21B 7/20 (2006.01) F27D 3/10 (2006.01)**

[25] EN

[54] **BLAST FURNACE INSTALLATION**

[54] **INSTALLATION DE HAUT FOURNEAU**

[72] LONARDI, EMILE, LU

[72] ROCCHI, DOMINIQUE, FR

[72] THILLEN, GUY, LU

[72] HAUSEMER, LIONEL, LU

[72] DE GRUITER, CHRISTIAN, LU

[72] VANDIVINIT, JEFF, LU

[71] PAUL WURTH S.A., LU

[85] 2014-03-20

[86] 2012-10-05 (PCT/EP2012/069697)

[87] (WO2013/053644)

[30] LU (91 885) 2011-10-11

[21] **2,849,402**
[13] A1

[51] **Int.Cl. A61F 13/539 (2006.01) A61F 13/511 (2006.01) A61F 13/537 (2006.01)**

[25] EN

[54] **DISPOSABLE ABSORBENT ARTICLES WITH AN EMBOSSED TOPSHEET**

[54] **ARTICLES ABSORBANTS JETABLES A COUCHE SUPERIEURE GAUFREE**

[72] PALDEY, SOHINI, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-09-12

[86] 2012-02-23 (PCT/US2012/026207)

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[54] **ACQUISITION SYSTEM FOR AN ABSORBENT ARTICLE COMPRISING A FLUID PERMEABLE STRUCTURED FIBROUS WEB**

[54] **SYSTEME ABSORBANT POUR ARTICLE ABSORBANT COMPRENANT UN VOILE FIBREUX STRUCTURE PERMEABLE AUX LIQUIDES**

[72] WEISMAN, PAUL THOMAS, US

[72] WEINBERGER, ERIC PATTON, US

[72] BOND, ERIC BRYAN, US

[72] COLLIAS, DIMITRIS IOANNIS, US

[72] KELLETT, PATTI JEAN, US

[71] THE PROCTER & GAMBLE COMPANY, US

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[54] **ARTICLE FEED SYSTEM FOR ALIGNING AND SINGULATING ARTICLES**

[54] **SYSTEME D'AVANCE D'ARTICLES POUR ALIGNER ET SEPARER DES ARTICLES**

[72] PAPSDORF, CLIFFORD THEODORE, US

[72] MERS-KELLY, MICHAEL JOHN, US

[72] RICHARDS, CHRISTOPHER MICHAEL, US

[71] THE PROCTER & GAMBLE COMPANY, US

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[54] **APPARATUS FOR DIVERTING PRODUCTS AND METHODS OF HANDLING PRODUCTS**
[54] **APPAREIL POUR DEVIER ET MANIPULER DES PRODUITS**
[72] PAPSDORF, CLIFFORD THEODORE, US
[72] MERS-KELLY, MICHAEL JOHN, US
[72] TECLEAB, ADAL AMINE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ANTI-TUMOR NECROSIS FACTOR-ALPHA AGENTS AND USES THEREOF**
[54] **AGENTS DU FACTEUR DE NECROSE TUMORALE ALPHA ET UTILISATIONS DE CEUX-CI**
[72] CASTANHEIRA AIRES DA SILVA, FREDERICO NUNO, PT
[72] VOLKER CORTE-REAL, SOFIA, PT
[72] DA SILVA ALBUQUERQUE E FREITAS, RUI PEDRO, PT
[72] FERREIRA LLORENTE GRANCHIO LOURENCO, SARA, PT
[71] TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA, PT
[85] 2014-03-20
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[54] **METAL MATERIAL FOR ELECTRONIC COMPONENT AND METHOD FOR MANUFACTURING THE SAME**
[54] **MATERIAU METALLIQUE POUR COMPOSANTS ELECTRONIQUES ET SON PROCEDE DE PRODUCTION**
[72] SHIBUYA, TOSHITAKA, JP
[72] FUKAMACHI, KAZUHIKO, JP
[72] KODAMA, ATSUSHI, JP
[71] JX NIPPON MINING & METALS CORPORATION, JP
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[54] **METHOD AND APPARATUS FOR CONTROLLING THE DELIVERY OF HUMIDIFIED AIRFLOW**
[54] **PROCEDE ET APPAREIL POUR COMMANDER L'ADMINISTRATION D'UN FLUX D'AIR HUMIDIFIE**
[72] NEATROUR, JOEL DAVID, US
[72] KNEPPER, MICHAEL, US
[71] DEVILBISS HEALTHCARE LLC, US
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[54] **COLLIER D'ATTACHE POUR DES ELEMENTS ALLONGES**
[72] BILLARANT, FABRICE, FR
[72] CHEVALIER, AURELIE, FR
[71] APLIX, FR
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[25] FR
[54] **CENTRIFUGAL COMPRESSOR PROVIDED WITH A MARKER FOR MEASURING WEAR AND A METHOD OF MONITORING WEAR USING SAID MARKER**
[54] **COMPRESSEUR CENTRIFUGE EQUIPE D'UN MARQUEUR DE MESURE D'USURE ET PROCEDE DE SUIVI D'USURE UTILISANT CE MARQUEUR**
[72] JACTAT, PAUL-ETIENNE, FR
[72] LEBRUSQ, PASCAL, FR
[72] SARRAMEA, JEROME, FR
[72] SCUILLER, LIONEL, FR
[71] TURBOMECA, FR
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[54] **DIALYSIS MACHINE INCLUDING ULTRAFILTRATION AND BACKFILTRATION MEANS**
[54] **MACHINE DE DIALYSE COMPRENANT DES MOYENS D'ULTRAFILTRATION ET DE RETROFILTRATION**
[72] VINCENT, ERIC, FR
[71] PHYSIDIA, FR
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[54] **DISPOSITIF DELIVRANT DES FIBRES DE VERRE A TENEUR REDUITE EN METAUX PRECIEUX**
[72] CONDOLF, CYRIL, FR
[72] BREUER, ACHIM, DE
[71] SAINT-GOBAIN ADFORS, FR
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[54] **TISSUE REMOVAL DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE RETRAIT DE TISSUS, SYSTEMES ET PROCEDES**
[72] ROSS, RODNEY L., US
[72] DENNEWILL, JAMES, US
[72] HUGHES, GREGG, US
[71] MEDLOGICS, INC., US
[85] 2014-03-17
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[25] FR
[54] **METHOD OF HEAT TREATMENT OF SILVER LAYERS**
[54] **PROCEDE DE TRAITEMENT THERMIQUE DE COUCHES D'ARGENT**
[72] LIENHART, FABIEN, FR
[72] PYTHON, MARTIN, CH
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[86] 2012-10-18 (PCT/FR2012/052368)
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[54] **METHOD OF REMOVING DEBLOCKING ARTIFACTS**
[54] **PROCEDE D'ELIMINATION D'ARTEFACTS DE DEBLOCAGE**
[72] JANG, MIN, KR
[71] INFOBRIDGE PTE. LTD., SG
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[54] **MALIGNANT AND NON-MALIGNANT DISEASE TREATMENT WITH RAS ANTAGONISTS**
[54] **TRAITEMENT DE MALADIES MALIGNES ET NON MALIGNES PAR DES ANTAGONISTES DE RAS**
[72] WIKEL, JAMES H., JR., US
[72] BROWNSTEIN, MICHAEL J., US
[71] PISCES THERAPEUTICS LLC, US
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[54] **SILICONE COATED IMPLANTS**
[54] **IMPLANTS REVETUS DE SILICONE**
[72] HOLL, RICHARD J., US
[72] HARTMAN, KATHERINE, US
[72] GROSSMAN, STUART A., US
[72] POLLOCK, WAYNE C., US
[71] AXXIA PHARMACEUTICALS, LLC, US
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[25] FR
[54] **PRODUCTION OF ISOPROPANOL BY IMPROVED RECOMBINANT STRAINS**
[54] **PRODUCTION D'ISOPROPANOL PAR DES SOUCHES RECOMBINANTES AMELIOREES**
[72] COLLAS, FLORENT, NL
[72] MARCHAL, REMY, FR
[72] CLEMENT, BENJAMIN, FR
[72] LOPEZ CONTRERAS, ANA MARIA, NL
[72] CLAASSEN, PIETERNEL A.M., NL
[71] IFP ENERGIES NOUVELLES, FR
[71] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
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[54] ELEMENT DE SECURITE PRESENTANT PLUSIEURS STRUCTURES OPTIQUEMENT VARIABLES

[72] MAYER, KARLHEINZ, DE

[72] HUYNH, THANH-HAO, DE

[72] FRANZ, PETER, DE

[71] GIESECKE & DEVRIENT GMBH, DE

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[54] COMPOSITION BACTERICIDE POUR L'AGRICULTURE ET L'HORTICULTURE

[72] KUWAIHARA, RAITO, JP

[71] NIPPON SODA CO., LTD., JP

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[54] COMPOSES PHARMACEUTIQUES POUR UTILISATION DANS LA THERAPIE D'UNE INFECTION PAR CLOSTRIDIUM DIFFICILE

[72] CASTAGNER, BASTIEN, CH

[72] LEROUX, JEAN-CHRISTOPHE, CH

[72] IVARSSON, MATTIAS, CH

[72] SCHNEIDER, GIBERT, CH

[72] PRATSINIS, ANNA, CH

[71] ETH ZURICH, CH

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[30] EP (11007933.2) 2011-09-29

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[54] SYSTEMS AND METHODS FOR HANDS FREE INSPECTION

[54] SYSTEMES ET PROCEDES POUR INSPECTION MAINS LIBRES

[72] XIE, BINGLONG, US

[72] GENC, YAKUP, US

[72] HATCHER, JR., CLIFFORD, US

[72] BHATNAGAR, HIMANSHU, US

[72] RUHGE, FORREST R., US

[71] SIEMENS CORPORATION, US

[71] SIEMENS ENERGY, INC., US

[85] 2014-03-20

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[54] **STRUCTURE SUR TRAVERSE DE CONTROLEUR DE POSITION D'AIGUILLE**
[72] ARNOLD, JIM, US
[71] ARNOLD, JIM, US
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[54] **SUPPORT DE PATIENT/INVALIDE**
[72] JUSIAK, JOEL T., US
[72] LAFLECHE, PATRICK, US
[72] ZABAWA, JOSEPH M., US
[71] STRYKER CORPORATION, US
[85] 2014-03-20
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[54] **AGENCEMENT POUR BATIMENT**
[72] COTTER, JOHN, AU
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
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[54] **MOBILE DEVICE**
[54] **DISPOSITIF MOBILE**
[72] GORIOVSKY, DMITRY ALEKSEEVICH, RU
[71] YOTA DEVICES IPR LTD, VG
[85] 2014-03-20
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[30] GB (1114247.8) 2011-08-18

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[54] **APPARATUS AND METHOD FOR A SEALING SYSTEM**
[54] **APPAREIL ET PROCEDE POUR UN SYSTEME D'ETANCHEITE**
[72] VAN MULLEM, ALBERT, US
[72] HAVEN, MATTHEW, US
[72] DRICKEN, CHUCK, US
[72] NETZEL, SEAN, US
[71] TELSMITH, INC., US
[85] 2014-03-20
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[54] **INFLUENZA VIRUS VACCINES AND USES THEREOF**
[54] **VACCINS CONTRE LE VIRUS DE LA GRIPPE ET LEURS UTILISATIONS**
[72] GARCIA-SASTRE, ADOLFO, US
[72] PALESE, PETER, US
[72] KRAMMER, FLORIAN, US
[72] PICA, NATALIE, US
[72] EGGINK, DIRK, US
[72] MEDINA-SILVA, RAFAEL, CL
[72] HAI, RONG, US
[71] MOUNT SINAI SCHOOL OF MEDICINE, US
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[25] EN
[54] **GAS DIFFUSION LAYER WITH IMPROVED ELECTRICAL CONDUCTIVITY AND GAS PERMEABILITY**
[54] **COUCHE DE DIFFUSION DE GAZ DOTE D'UNE CONDUCTIVITE ELECTRIQUE ET D'UNE PERMEABILITE AU GAZ AMELIOREES**
[72] WILDE, PETER, DE
[72] SCHWEISS, RUDIGER, DE
[72] FORERO, STEFAN, DE
[72] HABERKORN, MELANIE, DE
[72] SCHUBERT, TIM, DE
[71] SGL CARBON SE, DE
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[54] SYSTÈME DE STOCKAGE D'ÉNERGIE À GAZ COMPRIMÉ UTILISANT UNE TURBINE

[72] CRANE, STEPHEN E., US

[72] ABKENAR, AMIRHOSSEIN POURMOUSA, US

[72] FONG, DANIELLE A., US

[72] STAILKOPF, KARL E., US

[72] BERLIN, EDWIN P., JR., US

[71] LIGHTSAIL ENERGY, INC., US

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[54] DEVICE FOR MIXING AND COOLING TWO REACTIVE LIQUIDS AND METHOD OF MAKING PEROXOMONOSULPHURIC ACID WITH THE DEVICE

[54] DISPOSITIF POUR MÉLANGER ET RÉFROIDIR DEUX RÉACTIFS LIQUIDES ET PROCÉDE DE FABRICATION D'ACIDE PEROXOMONOSULFURIQUE AVEC LE DISPOSITIF

[72] BROWN, TERRY, CN

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[72] RANDALL, SHERRI LYNN, US
[72] PRICE, KENNETH NATHAN, US
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[72] WENTINK, MAARTEN MENZO, US
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[54] **POLYAMINES FLEXIBLES, PRODUITS D'ADDITION TERMINEES PAR AMINE FLEXIBLES, COMPOSITIONS DE CEUX-CI ET PROCEDES D'UTILISATION**
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[72] ITO, MARFI, US
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[72] AL-YOUSEF, ALI ABDALLAH, SA
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[72] HAURY, JOHN A., US
[72] PREM, EDWARD K., US
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[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[72] SONG, JUNHO, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[72] DA CRUZ, J. MARCIO, US

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[72] BRANDT, RICHARD A., US

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[54] **ENSEMBLE ROTOR AVEC DISPOSITION CONCENTRIQUE D'UNE PARTIE DE TURBINE, D'UN PASSAGE DE REFROIDISSEMENT ET D'UNE PAROI DE RENFORT**

[72] PLANTE, JEAN-SEBASTIEN, CA

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[54] COMPTEUR DE POISSONS
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[72] OTTEWILL, JAMES, GB
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[71] GEO27 S.A.R.L., LU
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[72] SATO, AARON KEN, US
[72] BOND, CHRISTOPHER JOHN, US
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[25] EN
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[54] COMPOSES DE TYPE 5-(PYRIDIN-2-YL-AMINO)-PYRAZINE-2-CARBONITRILE ET LEUR UTILISATION THERAPEUTIQUE
[72] COLLINS, IAN, GB
[72] LAINCHBURY, MICHAEL, GB
[72] MATTHEWS, THOMAS PETER, GB
[72] READER, JOHN CHARLES, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[25] EN
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[54] PROCEDE DE SURVEILLANCE, DE DIAGNOSTIC ET/OU DE PRONOSTIC DE LA LESION RENALE AIGUE AU STADE PRECOCE
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[71] UNIVERSIDAD DE LOS ANDES, CL
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[71] IMAGINATION TECHNOLOGIES LIMITED, GB
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[71] NATURAL BIOTECHNOLOGY SPRL, BE
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[72] HARPER, GAVIN, GB
[72] BROWN, CLIVE GAVIN, GB
[72] CLARKE, JAMES ANTHONY, GB
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[71] LEHIGH UNIVERSITY, US
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[54] **SMOKING ARTICLES AND METHODS OF MANUFACTURING SMOKING ARTICLES**
[54] **ARTICLES POUR FUMEURS ET PROCEDES DE FABRICATION D'ARTICLES POUR FUMEURS**
[72] KALJURA, KARL, GB
[72] DUNCKLEY, IAN, GB
[72] FAWCUS, PHILIP, GB
[72] DUNLOP, STUART, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[72] ARTERS, DAVID C., US
[71] THE LUBRIZOL CORPORATION, US
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[71] ORTHOSONICS LIMITED, GB
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[54] **METHOD AND SYSTEM FOR PRODUCING A COATED FIBER BRAGG GRATING OPTICAL FIBER**
[54] **PROCEDE ET SYSTEME POUR PRODUIRE UNE FIBRE OPTIQUE ENROBEE DE RESEAU DE BRAGG FIBRE**
[72] HOMA, DANIEL S., US
[72] LAMBERT, CHRISTOPHER H., US
[72] BALAGOPAL, AJIT, US
[72] HARMAN, ROBERT M., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **PROCEDE POUR ACTUALISER ET GENERER UNE CLE D'INTERFACE HERTZIENNE ET SYSTEME D'ACCES SANS FIL**
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[71] ZTE CORPORATION, CN
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[54] **ESTIMATION DE L'EPUISEMENT OU DES CONTRAINTEES DE RESERVOIR INDUITES PAR L'INJECTION A L'AIDE DE DONNEES SONIQUES TEMPORISEES EN TROUS TUBES**
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR CONTACT CENTER MANAGEMENT**
[54] **SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR DESTINES A LA GESTION D'UN CENTRE D'APPELS**
[72] PEARCE, DANIEL L., US
[72] LAVIN, TIMOTHY NELSON, SR., US
[71] BALANCEBPO INC., US
[85] 2014-03-21
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[54] **PROCEDE POUR LA PRODUCTION DE FILM DE CARBONE**
[72] ICHIKAWA, AKIMASA, JP
[72] SAKAI, TETSUYA, JP
[72] KINOSHITA, NAOTO, JP
[72] ISODA, YOSHINORI, JP
[72] KIMATA, TAKAFUMI, JP
[71] NGK INSULATORS, LTD., JP
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[54] **APPAREILS ET PROCEDES DE REGULATION THERMIQUE POUR LE TRAITEMENT THERMIQUE RAPIDE D'UN MATERIAU CARBONE**
[72] KULPRATHIPANJA, SATHIT, US
[72] PALMAS, PAOLO, US
[71] ENSYN RENEWABLES, INC., US
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[71] SUMITOMO BAKELITE CO., LTD., JP
[85] 2014-03-21
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[54] PROCEDE ET APPAREIL POUR
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CONSTRUCTION

[72] CAO, BANGJI, US

[71] USG INTERIORS, LLC, US

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[72] TODD, CHRIS, US
[72] SABATA, BIKASH, US
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[72] SMITHSON, ROBERT L. W., US
[72] KRASA, ROBERT T., US
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[54] SYSTEME ELECTRIQUE MOBILE ET MODULAIRE UTILISE POUR FRACTURER DES FORMATIONS SOUTERRAINES
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[54] RACCORDS DE WAGON-TREMIE ET METHODE DE FONCTIONNEMENT

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[72] DAVIS, WILLIAM R., CA

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[54] PROCEDE DE PRODUCTION DE METAL RARE

[72] MIZUGUCHI, KOJI, JP

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[72] TAKAHASHI, YUYA, JP

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[72] KANAMURA, SHOHEI, JP

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- [72] SAUERWEIN, CHRISTOPHER T., US
- [72] LOHRENTZ, RANDY, US
- [72] REGIER, BERNARD D., US
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[72] BIHARI, FRANK, CA

[72] THEURER, JULIE A., CA

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[72] IVANOV, VLADIMIR, US

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[72] ARHANCET, JUAN P., US

[72] HEISE, JERALD D., US

[72] MAKADIA, VALLABH, US

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[72] ROSENVELL, ANDREW MICHAEL, US

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[72] SILVENIS, JASON THOMAS, US

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[54] CABLE HAUT-DEBIT PROGRAMMABLE AVEC COMMANDE DE PUISSANCE INCORPORÉE
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[72] KEANE, JOHN ANTHONY, IE
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[54] INDEX DE TERMES COMPOSE POUR DONNEES GRAPHIQUES
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[72] TAYLOR, STEVEN BRET, US
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[72] NORRIS, JAMES, US
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[72] HANGER, DIANE, GB
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[54] SYSTEME ET PROCEDE DE MODEM INTRABANDE POUR LA COMMUNICATION DE DONNEES SUR DES RESEAUX DE COMMUNICATION SANS FIL NUMERIQUES
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[72] FRANK, GEORG, US
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[72] MOLLSTAM, BO, SE
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[72] VORNLOCHER, HANS-PETER, DE
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[54] PROCEDE DE PREPARATION D'ELECTRODE A PARTIR D'UN MATERIAU POREUX, ELECTRODE AINSI OBTENUE ET SYSTEME ELECTROCHIMIQUE CORRESPONDANT
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[72] CHAREST, PATRICK, CA
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[25] EN
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[71] KJT ENTERPRISES, INC., US
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[72] KIM, JIN-WOONG, KR
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[54] MATERIAU DE REVETEMENT D'UN MEDICAMENT SOLIDE ET MEDICAMENT SOLIDE FORME A PARTIR DE CELUI-CI
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[54] INTERFACE UTILISATEUR DE COMMANDE POUR L'AFFICHAGE DE COMMANDES DE FONCTIONNALITES LOGICIELLES SELECTIONNABLES
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[54] **PROCEDE D'HYDROLYSE POUR MATIERES BRUTES ISSUES DES INDUSTRIES DE LA PECHE ET DE L'ABATTAGE ET RESERVOIRS UTILISES DANS CE PROCEDE**
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[54] **INTERFACE-UTILISATEUR AMELIOREE PERMETTANT D'AFFICHER UNE PRESENTATION D'OPTIONS DE FORMATAGE APPLICABLES A UN OBJET SELECTIONNE**
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[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 31/365 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **TREATMENT OF DEPRESSIVE DISORDERS**
[54] **TRAITEMENT DE TROUBLES DEPRESSIFS**
[72] SUN, MIAO-KUN, US
[72] ALKON, DANIEL L., US
[71] BLANCHETTE ROCKEFELLER NEUROSCIENCES INSTITUTE, US
[22] 2005-05-18
[41] 2005-12-08
[62] 2,562,035
[30] US (60/571,892) 2004-05-18

[21] **2,848,891**
[13] A1

[51] **Int.Cl. G01M 13/00 (2006.01) G01D 5/00 (2006.01) G01L 5/12 (2006.01) G01P 3/00 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **ROTARY ENCODER FREQUENCY ANALYSIS**
[54] **ANALYSE DE FREQUENCE DE CODEUR ROTATIF**
[72] DOLENTI, WILLIAM T., US
[72] FLEURY, BYRON A., US
[72] MORRIS, DANIEL J., US
[72] HOOS, WILLIAM C., US
[71] FLOWSERVE MANAGEMENT COMPANY, US
[22] 2006-04-21
[41] 2007-11-01
[62] 2,649,647

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[21] 2,848,893

[13] A1

[51] Int.Cl. F15B 19/00 (2006.01) E02F
9/22 (2006.01) F16L 55/00 (2006.01)
F17D 5/00 (2006.01)

[25] EN

[54] **DISGNOSTIC AND RESPONSE
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[54] **SYSTEMES DE DIAGNOSTIC ET
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[72] ELLIS, MICHAEL H., US

[72] SWIFT, JONATHAN CLARK, GB

[72] RAILSBACK, LAYNE, US

[72] GILBREATH, DONALD R., US

[71] THE GATES CORPORATION, US

[22] 2009-10-27

[41] 2010-06-03

[62] 2,740,613

[30] US (12/290,171) 2008-10-28

[30] US (12/290,173) 2008-10-28

[21] 2,848,903

[13] A1

[51] Int.Cl. A23F 5/36 (2006.01) A23F 5/24
(2006.01)

[25] EN

[54] **BEVERAGES WITH ENHANCED
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[54] **BOISSONS AVEC DES SAVEURS
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[72] DA CRUZ, MARCIO J., US

[71] STARBUCKS CORPORATION D/B/A
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US

[22] 2009-02-19

[41] 2010-01-14

[62] 2,810,556

[30] US (12/170,396) 2008-07-09

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		HUANG, XIANGHUI	2,574,470	ISLAM, M. KHALEDUL	2,694,036
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AOI SEIKI CO., LTD.	2,831,076	BODDUPALLI, HARI K.	2,830,985	CHEMICAL	
APPEL, CHRISTOPH	2,830,925	BOGEN, BJARNE	2,794,051	CORPORATION	2,831,755
ARNOLD, CHRISTIAN	2,830,697	BOLDSTREET INC.	2,823,895	CHIOVELLI, STEFANO	2,831,985
AROKIASAMY, VINCENT	2,830,101	BOLINA, ALMIR OLIVEIRA	2,831,145	CHRIS, ROBERT MARK	2,831,084
AYALA, WILLIAM	2,831,768	BOMBARDIER		CHRIS, ROBERT MARK	2,831,097
BAECHTEL, JEAN-CLAUDE	2,829,579	RECREATIONAL		CHRIS, ROBERT MARK	2,831,098
BAKKEN, DAVID ALAN	2,822,240	PRODUCTS INC.	2,794,236	CHRIS, ROBERT MARK	2,831,103
BALANCED DAY BAGS INC.	2,794,220	BOMBARDIER		CHUANG, SHAN-CHI	2,830,567
BALASUBRAMANIAM,		RECREATIONAL		CHUCK, CHEN	2,822,165
MAHADEVAN	2,830,137	PRODUCTS INC.	2,810,013	CIRCO, CHRISTOPHER W.	2,832,175
BALIJEPAI, SUDHAKAR	2,827,355	BOMBARDIER		CLEMINSON, RON	2,825,511
BALTON, CHRISTOPHER	2,831,499	RECREATIONAL		CNH AMERICA LLC	2,818,823
BARA, BARRY	2,831,329	PRODUCTS INC.	2,833,230	COMMSCOPE, INC. OF NORTH	
BARRE, THOMAS	2,831,214	BONI, MARTIN	2,795,624	CAROLINA	2,830,928
BATTLE SPORTS SCIENCE,		BOROS, JOZEF	2,829,847	COMPOSITE SOLUTIONS, INC.	2,831,237
LLC	2,832,175	BOROYEVICH, DUSHAN	2,823,985	CONDO, MARK A.	2,832,065
BAXTER HEALTHCARE S.A.	2,829,313	BOURBON, OLIVIER	2,831,214	CONNAULTE, MATTHIEU	2,830,098
BAXTER INTERNATIONAL		BOWER, JAMES	2,815,976	CORALLO, CHARLES S.	2,831,757
INC.	2,829,313	BOWYER, ALEX	2,794,103	CORDEIRO, OLAVO	2,843,213
BAYLEY, ROBERT D.	2,831,804	BRACHO DOMINGUEZ,		COTE, CAMILLE	2,794,969
BAYLEY, ROBERT D.	2,831,889	ROSANA PATRICIA	2,831,928	COURPET, ALEXIS	2,831,214
BEIJING RESEARCH		BRADSTREET, BRENDA J.	2,794,461	CULLEN, JEFFREY J.	2,831,255
INSTITUTE OF		BRAEBURN SYSTEMS LLC	2,832,132	CUNERTY, JOHN	2,832,133
CHEMICAL INDUSTRY,		BRUCK, LAURA	2,813,198	DAME, DENNIS	2,831,237
CHINA PETROLEUM &		BUCKEL, PETER	2,794,719	DARBY, DONALD W.	2,813,198
CHEMICAL		BURCHETT, CHRIS	2,823,895	DART INDUSTRIES INC.	2,829,000
CORPORATION	2,831,755	BURDETTE, E. CLIF	2,794,226	DAVIES, PAUL R.	2,825,834
BELL HELICOPTER TEXTRON		BUSSIERES, FREDERIC	2,830,128	DEERE & COMPANY	2,829,937
INC.	2,831,084	BUTLER, GEOFFREY A.	2,829,519	DEERE & COMPANY	2,830,102
BELL HELICOPTER TEXTRON		CAILLIER, LAURENT	2,831,574	DEES, PAUL W.	2,824,108
INC.	2,831,088	CAMPBELL, DON	2,823,895	DELIGIA, AGOSTINO	2,794,101
				DESCHAMBAULT, MARTIN	2,810,013

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DIEBOLD, JEAN-FREDERIC	2,830,377	FUSHUN RESEARCH	HATCH LTD.	2,838,113
DIEP, PAUL	2,828,723	INSTITUTE OF	HAWKINS, LAURA L.	2,843,089
DIETRICH, WILLIAM J., SR.	2,818,823	PETROLEUM AND	HEFFTER, TAMAS	2,794,226
DIETZ, WILLIAM H.	2,832,065	PETROCHEMICALS	HELICAL PIER SYSTEMS LTD.	2,804,438
DINGMAN, JOSH	2,842,970	SINOPEC	HEMATIAN, JAMAL	2,794,517
DNESTRIANSCHII, LUCIEN	2,793,820	GAGNE, BRAD	HENDERSON, NEIL	2,794,066
DNESTRIANSCHII, LUCIEN	2,831,312	GALLO, MICHAEL J.	HILDERMAN, ROBERT J.	2,794,451
DONOVAN, VALERIE M.T.	2,794,440	GARDNER, DANIEL L.	HIRANO, YUICHIRO	2,829,714
DOOPER, MAAIKE MARIA		GARDNER, MARK JOHN	HITACHI, LTD.	2,831,361
BARBARA WILHELMINA	2,794,051	GE AVIATION SYSTEMS LLC	HOCKING, GRANT	2,828,710
DOPKER, BERNHARD	2,828,723	GE AVIATION SYSTEMS LLC	HOLLIDAY, CAROLYN	2,813,198
DOUGLAS, CHAD R.	2,829,281	GE AVIATION SYSTEMS LLC	HUANG, HAO	2,830,124
DOW GLOBAL		GE AVIATION SYSTEMS LLC	HUBBELL INCORPORATED	2,832,065
TECHNOLOGIES LLC	2,827,355	GE AVIATION SYSTEMS LLC	HUBER, DOUGLAS	2,829,928
DOWGAILENKO, ALEX	2,794,101	GE ENERGY POWER	HUESTON, KENNETH JAMES	2,829,928
DOZIER, STEVEN WAYNE	2,829,913	CONVERSION	HUEY, MICHAEL G.	2,830,985
DU, ZHIGUO	2,831,755	TECHNOLOGY LIMITED	HUSKY OIL OPERATIONS	
DUBANCHET, AURELIEN	2,831,574	GEKHT, EUGENE	LIMITED	2,794,205
DUGGINS, SIMON JOHN	2,832,223	GENERAL ELECTRIC	IBM CANADA LIMITED - IBM	
DUWYN, RYAN	2,794,517	COMPANY	CANADA LIMITEE	2,794,132
DWINNELL, HEIDI K.	2,843,087	GENERAL ELECTRIC	IBM CANADA LIMITED - IBM	
DYCK, DAVID KNELSEN	2,810,182	COMPANY	CANADA LIMITEE	2,794,154
DYCK, DAVID KNELSEN	2,810,189	GENERAL ELECTRIC	IMAL, MIKA	2,831,361
DYRLA, NADINE	2,830,098	COMPANY	IMAL, TOSHIO	2,830,055
E-MAX GAMING		GENERAL ELECTRIC	INAGE, SHINICHI	2,831,361
CORPORATION	2,797,899	COMPANY	INDIGO BOOKS & MUSIC INC.	2,831,497
EIKAM, COREY M.	2,843,087	GENERAL ELECTRIC	INFINEUM INTERNATIONAL	
ELIZAROV, MICHAEL	2,832,089	COMPANY	LIMITED	2,831,948
ELY, ALLEN	2,831,757	GENERAL INSTRUMENT	INGRAM, THEODORE W., III	2,831,088
ELY, MITCHELL HERBERT	2,808,032	CORPORATION	INNOVATIVE BOTTLES LLC	2,794,368
ENVISION ENERGY		GENTRY, DAVID C.	INOUE, MASASHI	2,832,051
(DENMARK) APS	2,830,930	GENTRY, DAVID C.	INQUESTOR INC.	2,831,204
ERICSSON, OLA	2,829,447	GEOSIERRA, LLC	INTEGRA TECHNOLOGIES	
ESCANDE, SEBASTIEN	2,831,214	GESTION VALEO S.E.C.	LTD.	2,794,673
ESLER, DAVID RICHARD	2,830,137	GIGUERE, ISABELLE	INTELISIST, INC.	2,831,527
ESPITALIER, JEAN-CLAUDE	2,829,579	GIRARDI, RAYMOND	ITOHI, TERUAKI	2,831,076
EUROCOPTER	2,830,098	GLASS, ROBERT JAMES	JAKSIC, MARKO D.	2,823,985
EVANS, JEFFREY M.	2,832,175	GOLDBERG, MATS	JANSSEN, BOB	2,830,400
EVANS, MICHAEL	2,832,175	GOLLY, TIMOTHY THOMAS	JAYANT, ADITYA	2,830,101
EVENSON, AMY D.	2,843,087	GOOD, MARK S.	JENSEN, BRIAN GABE	2,831,420
EZSHIELD, INC.	2,813,198	GOOD, MARK S.	JEON, BYOUNG OON	2,806,061
FAIRBAIRN, MARK H.	2,831,782	GOOD, MARK STEVEN	JIA, XIAOCHUAN	2,830,124
FANG, XIANGCHEN	2,831,393	GOODWIN, E. LEIGH	JOHNSON, BLAKE M.	2,843,092
FARRUGIA, VALERIE M.	2,831,795	GRAIBUS, RICHARD B.	JOHNSON, GLENN C.	2,797,899
FARRUGIA, VALERIE M.	2,831,886	GRAY, ROBERT M.	JOHNSON, PAUL ROBERT	2,831,984
FASCIO, CARLO	2,794,584	GREWAL, AJAY PAL SINGH	JONES, KELLY T.	2,829,281
FAUR, MARION	2,830,377	GRIFFIN, JASON TYLER	JONES, KELLY THOMAS	2,831,199
FICHTINGER, GABOR	2,794,226	GRIFFIN, JASON TYLER	JORSHARI, KAMRAN R.	2,794,205
FICKLSCHERER, PETER	2,831,946	GRIFFITH, TOM	JOYNES, MATTHEW R.	2,815,976
FIGARD, MICHAEL ERIC	2,831,148	GRIMM, JEFFREY JOHN	JUNG, SUNG UG	2,806,061
FLOERSCH, DAVID J.	2,843,092	GRONDIN, PATRICK	JVM CO., LTD.	2,831,201
FONG, ROBERT	2,831,768	GUANGDONG TAIMING	JX NIPPON OIL & ENERGY	
FOSHAN IDEAL CO., LTD	2,808,114	METAL PRODUCTS CO.	CORPORATION	2,829,714
FOSHAN IDEAL CO., LTD	2,808,474	LTD	KABUSHIKI KAISHA TOPCON	2,830,955
FOSHAN IDEAL CO., LTD.	2,808,823	GUPTA, SUBODH	KABUSHIKI KAISHA TOYOTA	
FOX, BRUCE ROBERT	2,824,108	GYLANDER, JODY	JIJOSHOKKI	2,832,051
FOX, STEPHEN J.	2,824,108	GYLANDER, JODY	KANDIKONDA, VENKATA	
FOX, STEPHEN JOHN	2,825,073	HALLIBURTON ENERGY	NANDAKISHORE	2,843,087
FOX, STEPHEN JOHN	2,828,726	SERVICES, INC.	KANUKA, BENNETT	2,823,895
FU, SHIFAU-WEI JOHNNY	2,823,985	HANSKEN, RICKIE	KARIMI, KAMAR J.	2,823,985
		HARRIS, JAMES R.	KASPRICK, BEN	2,804,438
		HARRIS-DOWSETT, DAMIAN	KAYSER, DANIEL JORDAN	2,828,860
		KELLY	KEEFE, MELINDA H.	2,827,355
		HASZ, WAYNE CHARLES	KENNING, TERENCE B.	2,829,281

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(SHANGHAI) CO., LTD.	2,794,219	MAJOCKA, CHRISTOPHER A.	2,831,508	NOBLE, JACK S.	2,825,073
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KIM, JUN HO	2,831,201	MANN, TIMOTHY J.	2,797,899	NORDMAN, PAUL S.	2,829,519
KIM, SEO JIN	2,806,061	MAR INTERNATIONAL APS	2,829,447	O'LEARY, TIMOTHY P.	2,829,733
KITCHING, ALAN H.	2,831,980	MARCOS, JOSEPH	2,793,820	OBATA, KHALED	2,831,985
KLECKER, BROOKE R.	2,843,087	MARCOS, JOSEPH	2,831,312	OBATA, NANAKO	2,829,714
KMIECIK-LAWRYNOWICZ,		MARGARITIS, DEMETRIOS		OH, SANG CHEOL	2,806,061
GRAZYNA E.	2,831,804	ARGYRIOS	2,794,231	OHTOMO, FUMIO	2,830,955
KMIECIK-LAWRYNOWICZ,		MARKOVIC, ALEN	2,830,925	ONG, ERICK K.	2,813,198
GRAZYNA E.	2,831,889	MARX, TRENT	2,794,094	OPEN TEXT CORPORATION	2,794,101
KNOLL, MITCHELL	2,843,092	MASON, COLIN	2,794,486	OPEN TEXT CORPORATION	2,794,103
KOLB, TROY C.	2,830,306	MATTAVELLI, PAOLO	2,823,985	OSARAGI, KAZUKI	2,830,955
KONRADT, OLIVER	2,830,925	MAY, CARL	2,831,088	OTANI, HIITOSHI	2,830,955
KORDEL, JAN A.	2,824,108	MAY, CARL	2,831,097	OVENS, NORMAN LEONARD	2,831,148
KORDEL, JAN A.	2,828,726	MCCREA, PATRICK M.	2,830,574	PAC WEST PROPERTIES INC.	2,795,035
KORDEL, JAN A.	2,831,199	MCCROCKLIN, THOMAS		PACCAR INC	2,831,499
KOUROS, AREIAN A.	2,832,076	PATRICK	2,829,733	PACKAGING PROGRESSIONS,	
KRIJNEN, ANTONIUS		MCCULLOUGH, CHARLES T.	2,831,683	INC.	2,831,757
DIMPHENA MARIA	2,831,386	MCCULLOUGH, JOHN R.	2,831,084	PAGE, CHRIS	2,831,497
KRIVOV, PAUL JULES	2,827,038	MCCULLOUGH, JOHN R.	2,831,088	PAN, YAN	2,831,115
KRONGAUZ, VADIM V.	2,829,313	MCCULLOUGH, JOHN R.	2,831,098	PAONE, JOHN	2,795,035
KUMAR, SURESH	2,831,499	MCCULLOUGH, JOHN R.	2,831,103	PARK, SOO HYUN	2,806,061
LABBE, DAVID	2,833,230	MCFARLAND, BRUCE	2,825,739	PARKER, BRIAN T.	2,830,106
LACE A SKATE LLC	2,831,763	MEHLING, DANIEL	2,843,091	PARLEBAS, JEAN	2,830,697
LACHANCE, ROBERT	2,794,236	MESSIER-BUGATTI-DOWTY	2,830,377	PATEL, SHANTU	2,794,368
LANDRE, ERIC G.	2,823,977	MICELI, DAVID A.	2,810,353	PELLETIER, FRANCIS	2,832,070
LASSEN, MATTHEW A.	2,824,108	MICELI, JOSEPH A.	2,810,353	PENG, DEQIANG	2,831,393
LASSEN, MATTHEW A.	2,829,281	MIKULA, RANDY	2,831,329	PERILLON, JEAN-LUC	2,831,574
LASSEN, MATTHEW AUGUST	2,828,726	MILLER, VAN	2,804,116	PERMUY, ALFRED	2,830,120
LASSEN, MATTHEW AUGUST	2,831,199	MILSTEIN, DAVID	2,831,527	PETCOFF, LYNN	2,794,220
LASSO, ANDRAS	2,794,226	MIN, BYUNG JUNG	2,806,061	PETTIGREW, STEVE	2,794,101
LEBRUN, JENNIFER ANNE	2,794,083	MISHICA, JASON	2,831,763	PHILLIPS, WILLIAM	2,832,474
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LEE, DAVID K.	2,825,834	MISHRA, SUVANKAR	2,831,088	PIETERSEN, QUENTIN	
LEE, HO BONG	2,806,061	MISHRA, SUVANKAR	2,831,097	THEODOR	2,831,199
LEFFLER, HAKON	2,794,066	MISHRA, SUVANKAR	2,831,098	POPLAWSKI, DANIEL S.	2,832,132
LENEVE, ERIC	2,825,511	MISHRA, SUVANKAR	2,831,103	PORTER, MARK I	2,795,035
LENNOX INTERNATIONAL		MOFFAT, KAREN A.	2,831,795	POULIN, ETIENNE	2,794,236
INC.	2,831,981	MOFFAT, KAREN A.	2,831,886	PRATT & WHITNEY CANADA	
LENOIR, BRICE	2,831,214	MOLLOY, STEVE	2,794,103	CORP.	2,831,519
LENUZZI, IVAN	2,830,925	MOORE, CURTIS	2,832,076	PRATT & WHITNEY CANADA	
LEPAGE, THOMAS	2,830,377	MORROW, JASON	2,830,928	CORP.	2,831,946
LEUNG, DAVID KIM-YUNG	2,831,117	MOSPEN PRODUCTS		PREMERLANI, WILLIAM	
LEUNG, HENRY	2,794,094	COMPANY	2,794,642	JAMES	2,831,115
LI, XIN	2,831,393	MOSSMAN, MICHAEL W.	2,830,102	PREST, CHRISTOPHER	
LING, MICHAEL TUNG-		MUELLER INTERNATIONAL,		EDWARD	2,832,089
KIUNG	2,829,313	LLC	2,830,574	PSIMAS, MICHAEL J.	2,794,673
LIU, FIBRO	2,794,219	MUNSEN, VICTOR A.	2,825,073	PUGH, KIRSTEN AMY	
LIU, JUNJIE	2,831,755	MYRSET, HEIDI RAGNHIID	2,794,051	YEATES	2,831,928
LIU, LAUSAN	2,794,219	NAGORCKA, JAMES A.	2,832,180	QI, HUIMIN	2,831,393
LIU, SHIJIE	2,831,145	NAIMO, RENZO	2,831,757	QUEEN'S UNIVERSITY AT	
LIU, SHOPO	2,794,219	NAIR, SHIMNAMOL		KINGSTON	2,794,226
LIU, XIAOXIANG	2,794,094	PADMANABHAN	2,830,101	QUIRING, PETER	2,810,182
LIU, ZHIYU	2,831,393	NATIONAL OILWELL VARCO		QUIRING, PETER	2,810,189
LONG, JUN	2,794,372	L.P.	2,831,386	RAB LIGHTING INC.	2,832,128
LU, CHUPING	2,828,314	NATIONAL OILWELL VARCO,		RACINE-KINNEAR, RENEE	2,831,497
LUDLOW, STEPHEN	2,794,101	L.P.	2,831,980	RAMPF MOLDS INDUSTRIES,	
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BOIS-FRANCS INC.	2,794,969	NEKTARIOS IOANNIDIS	2,794,231	RANALLI, TINA	2,794,584
MACKINNON, ALISON	2,794,066	NETLAND, NICOLE	2,842,970	RAPEANU, RADU C.	2,827,947
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REID, GARY WILLIAM	2,794,094	SMP SPECIALTY METAL PRODUCTS LTD.	2,830,400	THE BOEING COMPANY	2,823,985
REILE, EMILY	2,843,091	SOLOMON, RICK	2,832,133	THE BOEING COMPANY	2,824,108
RELEKAR, ANANT	2,808,032	SOLOMON, RICK	2,795,118	THE BOEING COMPANY	2,824,727
REPKO, MICHAEL	2,831,499	SONDERMANN, PETER	2,818,419	THE BOEING COMPANY	2,825,073
RESOURCE ENERGY SOLUTIONS INC.	2,794,094	SORRELL, BRADFORD SCOTT	2,794,719	THE BOEING COMPANY	2,825,834
RHEEM MANUFACTURING COMPANY	2,829,847	SOUTH ESSEX FABRICATING INC.	2,830,236	THE BOEING COMPANY	2,828,723
RICHARD, MAXIME R.	2,829,000	SOUTH ESSEX FABRICATING INC.	2,810,182	THE BOEING COMPANY	2,828,726
RIDDIFORD, MARTIN PHILIP	2,828,853	SRIKANTA, SANTHOSHIA YELWAL	2,810,189	THE BOEING COMPANY	2,829,281
RIDDIFORD, MARTIN PHILIP RIDER, SAGE C.	2,828,860	STAFFORD, WILLIAM Y.	2,810,189	THE BOEING COMPANY	2,829,519
ROCHE, JULIE	2,843,091	STENZINGER, ROBERT	2,830,101	THE BOEING COMPANY	2,831,199
RODAIR HOLDINGS LTD.	2,831,255	STEWART, BRYAN	2,842,974	THE HEIL CO.	2,829,905
ROHM AND HAAS COMPANY	2,827,355	STROMQUIST, PETER	2,842,970	THE HEIL CO.	2,830,106
ROQUES, JEAN-MARC	2,831,214	SUNCAST TECHNOLOGIES, LLC	2,829,905	THEISEN, JENNIFER A.	2,842,974
ROSEMOUNT AEROSPACE, INC.	2,831,984	SUPREMOL GMBH	2,842,970	THERIAULT, MARIO D.	2,794,440
ROTBURG, ERIC	2,831,795	SUZUKI, KOICHI	2,794,719	THIAGARAJAN, RAMESH	2,831,084
ROTBURG, ERIC	2,831,886	SWEENEY, MAURA A.	2,794,083	THIAGARAJAN, RAMESH	2,831,088
ROTH, HUGH	2,831,985	SWEENEY, MAURA A.	2,831,804	THIAGARAJAN, RAMESH	2,831,098
ROUX, THIBAUT	2,842,970	SWIST, JASON	2,831,889	THIAGARAJAN, RAMESH	2,831,103
RUELAS ARANA, GABRIEL	2,794,132	SWIST, JASON	2,794,208	THIBAUT, CHARLES	2,830,697
RUFFE, LAUREL A.	2,827,355	SWIST, JASON	2,795,469	THOMAS & BETTS INTERNATIONAL, INC.	2,827,947
RUFFO, ERIC M.	2,793,732	SYNCRUDE CANADA LTD.	2,794,372	THOMAS & BETTS INTERNATIONAL, INC.	2,831,768
RUIJTER, WOUT	2,830,930	SYNCRUDE CANADA LTD.	2,831,329	THOMAS & BETTS INTERNATIONAL, INC.	2,831,782
SAKURAI, SEIYA	2,824,108	SYNCRUDE CANADA LTD.	2,831,352	THOMAS & BETTS INTERNATIONAL, INC.	2,794,154
SAKURAI, SEIYA	2,824,727	SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT	2,794,373	TIAN, YE	2,831,985
SAKURAI, SEIYA	2,825,073	SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT	2,825,511	TIEU, JOHN	2,794,719
SANAEI KERMANI, ALI	2,794,668	SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT	2,831,985	TILLMANNS, SASCHA	2,831,361
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OTTERSAND, GJERULF	2,849,272	PRICE, KENNETH NATHAN	2,849,149	LIMITED	2,849,315
OTTEWILL, JAMES	2,849,549	PRICE, KENNETH NATHAN	2,849,269	RIPLEY, VAN LEONARD	2,849,470
OVENTION, INC.	2,849,252	PRICE, KENNETH NATHAN	2,849,478	RITTENHOUSE, RONNIE	2,849,458
OWEN, BENJAMIN C.	2,849,453	PROCHAZKA, DONALD A.	2,849,121	RITTER, JOSEPH K.	2,849,473
OXFORD BIOMEDICA (UK)		PRUET, RANDALL B.	2,849,290	ROBERTS, MARK STADLER	2,849,090
LIMITED	2,849,241	PUHLER, FLORIAN	2,849,345	ROBERTS, MATTHEW J. H.	2,849,154
OXFORD NANOPORE		PYRHONEN, JUHA	2,849,231	ROBINSON, URANO A.	2,849,507
TECHNOLOGIES LIMITED	2,849,624	PYTHON, MARTIN	2,849,422	ROCCHI, DOMINIQUE	2,849,399
PACTIV PACKAGING INC.	2,849,236	Q-MED AB	2,849,178	RODABAUGH, RONALD D.	2,849,304
PADILLA, FERNANDO	2,849,194	QUALCOMM INCORPORATED	2,849,281	RODIN, SERGEY	2,849,244
PAGANI, GIORGIO	2,849,307	QUALCOMM INCORPORATED	2,849,283	ROGGOW, TIMOTHY	2,849,266
PAHLE, WOLFGANG	2,849,360	QUALCOMM INCORPORATED	2,849,284	ROHM AND HAAS COMPANY	2,849,166
PALDEY, SOHINI	2,849,402	QUALCOMM INCORPORATED	2,849,479	ROLLINGS, NICK DAVID	2,849,193
PALESE, PETER	2,849,434	QUICKPLAY MEDIA INC.	2,849,158	ROMMELAERE, JEAN	2,849,370
PALMAS, PAOLO	2,849,646	QUINN, H STEPHEN	2,849,494	RONAYNE, MICHAEL PAUL	2,849,396
PAPSDORF, CLIFFORD		R.D. LEGAULT SEEDS, LTD.	2,849,320	RONDA, TROY	2,849,324
THEODORE	2,849,405	RACZKOWSKI, KAZ P.	2,849,451	RONNETT, GABRIELLE	2,849,207
PAPSDORF, CLIFFORD		RAJEEV,		ROSEN, ROBERT A.	2,849,249
THEODORE	2,849,408	KALLANTHOTTATHIL G.	2,849,476	ROSS, RODNEY L.	2,849,419
PARDI, WILLIAM J.	2,849,293	RAJVANSHY, VIKAS	2,849,293	ROSSENU, STEFAAN	2,849,195
PARDOLL, DREW M.	2,849,259	RALPH, SCOTT	2,849,241	ROSSIER, GLENN	2,849,229
PASCAL, SEBASTIEN	2,849,233	RAMSDEN, NIGEL	2,849,340	ROUDAUT, HERMINE	2,849,309
PAUL WURTH S.A.	2,849,399	RANCOURT, DAVID	2,849,525	ROYER, RODNEY S.	2,849,253
PAULEY, JAMES CRAIG	2,849,290	RANDALL, SHERRI LYNN	2,849,478	ROYTTA, PEKKA	2,849,231
PAULIE, CHRISTIAN		RAO, CHANDRA B.	2,849,480	ROZEK, ANNETT	2,849,270
BERNARD MATTHIJS	2,849,176	RAO, GIRISH G.	2,849,158	RUAT, MARTIAL	2,849,309
PEARCE, DANIEL L.	2,849,642	RASMUSSEN, STEN	2,849,332	RUETTINGER, WOLFGANG	2,849,485
PEAT, RICHARD ALBERT	2,849,202	RATIOPHARM GMBH	2,849,546	RUFFO, RICCARDO	2,849,307
PELTIER, SARAH	2,849,271	RAU, DORIS	2,849,196	RUHGE, FORREST R.	2,849,428
PENET, CHRISTOPHER S.	2,849,250	RAU, HARALD	2,849,192	RUPRECHT, GOTZ	2,849,175
PENNO, ANDREW DAVID	2,849,242	RAUM, TOBIAS	2,849,196	RUTHERFORD, ALISTAIR	2,849,442
PERAZZO, NICHOLAS J.	2,849,249	RAYNER, KRISTA	2,849,339	RUTHS, MARK A.	2,849,296
PERDUE RESEARCH		READER, JOHN CHARLES	2,849,566	RYTEL, JOHN	2,849,452
FOUNDATION	2,849,453	RED HILL BIOPHARMA LTD	2,849,255	RYU, JI HYUN	2,849,288
PERELLO, MARGARITA	2,849,333	REEVES, ANDREW	2,849,246	SAINT-GOBAIN ADFORS	2,849,416
PERELLO, MARGARITA	2,849,341	REFRACTORY		SAINT-GOBAIN GLASS	
PEREZ, GREGORY PAUL	2,849,512	INTELLECTUAL		FRANCE	2,849,422
PEROV, DENNIS	2,849,158	PROPERTY GMBH & CO.		SAKAI, TETSUYA	2,849,643
PERRIER, MICHEL	2,849,307	KG	2,849,197	SAKANISHI, HIDEKI	2,849,262
PETERSON, SCOTT	2,849,168	REGENERON		SAKYU, TAKUYA	2,849,274
PHYSIDIA	2,849,414	PHARMACEUTICALS,		SALAHIEH, AMR	2,849,123
PICA, NATALIE	2,849,434	INC.	2,849,508	SALAMONE, MATTEO	
PICARD, MATHIEU	2,849,525	REGENTS OF THE		MARCO	2,849,307
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PILETSKY, SERGEY	2,849,352	MINNESOTA	2,805,093	MAXWELL	2,849,396
PINSON, CHARLES L.	2,849,451	REGUEIRO-REN, ALICIA	2,849,475	SALSBURG, MICHAEL A.	2,849,319
PISCES THERAPEUTICS LLC	2,849,421	REID, STUART WILLIAM	2,849,624	SAMANTA, SUSNATA	2,849,492
PLANTE, JEAN-SEBASTIEN	2,849,525	REILMAN, RANDALL		SAMSUNG ELECTRONICS	
PLATI, STEFANO	2,849,161	THOMAS	2,849,149	CO., LTD.	2,849,388
POLIKARPOVA, MARIA	2,849,231	REILMAN, RANDALL		SAN MARTIN, LUIS E.	2,849,245
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POMA, ALESSANDRO	2,849,352	THOMAS	2,849,478	SARGENTINI-MAIER, MARIA	
POSSET, UWE	2,849,307	REVOLUTIONARY TENNIS		LAURA	2,849,195
POULIE, CHRISTIAN		INNOVATIONS, LLC	2,849,514	SARRAMEA, JEROME	2,849,413
BERNARD	2,849,111	REYNOLDS, DANIEL R.	2,849,458	SARRAZIN, MARIE-JOSE	2,849,266
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SAUDI ARABIAN OIL COMPANY	2,849,126	SHETZLINE, MICHAEL	2,849,466	TAGHAVI NASRABADI, MOHAMMAD HOSSEIN	2,849,479
SAUDI ARABIAN OIL COMPANY	2,849,302	SHI, FENG	2,849,168	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2,849,476
SAUDI ARABIAN OIL COMPANY	2,849,305	SHIBUYA, TOSHITAKA	2,849,410	TAKENAKA, JUNJI	2,849,282
SAUDI ARABIAN OIL COMPANY	2,849,308	SHIMIZU, YASUTOMO	2,849,282	TAN, WEIHUA	2,849,386
SAUDI ARABIAN OIL COMPANY	2,849,310	SHIRAKAWA, TAKASHI	2,849,274	TARANTA, CLAUDE	2,849,361
SAUDI ARABIAN OIL COMPANY	2,849,314	SIBBALD, MORGAN S.	2,849,121	TARRAN, ROBERT	2,849,267
SAUDI ARABIAN OIL COMPANY	2,849,483	SIEBECKER, JAMES D.	2,849,230	TASSONE, MONICA	2,849,303
SAUL, TOM	2,849,516	SIEGERS, CONRAD	2,849,339	TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA	2,849,409
SAULS, JONATHAN	2,849,123	SIEMENS CORPORATION	2,849,428	TECLEAB, ADAL AMINE	2,849,408
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SCHARLEMANN, SONJA	2,849,514	SIKULJAK, TATJANA	2,849,361	TELSMITH, INC.	2,849,449
SCHARLEMANN, SONJA	2,849,333	SILBERMANN, KAI	2,849,377	THE BOEING COMPANY	2,849,321
SCHIEBEL, JEFFREY JOHN	2,849,341	SIMSEK, ERGUN	2,849,639	THE BOEING COMPANY	2,849,530
SCHIEFLINGER, FRIEDRICH	2,849,269	SINHA, BIKASH K.	2,849,639	THE JOHNS HOPKINS UNIVERSITY	2,849,207
SCHENKEL, RALF-INGO	2,838,845	SIRAUX, DANIEL	2,849,180	THE JOHNS HOPKINS UNIVERSITY	2,849,259
SCHERER, THOMAS M.	2,849,339	SIU, TONY	2,849,168	THE LUBRIZOL CORPORATION	2,849,633
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SCHLUMBERGER CANADA LIMITED	2,849,144	SMITH, GALE	2,849,471	THE PROCTER & GAMBLE COMPANY	2,849,269
SCHMATE, ROBERT EDWARD	2,849,639	SMITH, GRAHAM FRANK	2,849,169	THE PROCTER & GAMBLE COMPANY	2,849,323
SCHNEIDER ELECTRIC USA, INC.	2,849,269	SMITH, JOSEPH DEWAYNE	2,849,090	THE PROCTER & GAMBLE COMPANY	2,849,402
SCHNEIDER, GIBERT	2,849,322	SMITH, WANDA J.	2,849,121	THE PROCTER & GAMBLE COMPANY	2,849,404
SCHOENFELDER, ANGELE	2,849,426	SOCRA SCIENCES ET GENIE S.E.C.	2,849,525	THE PROCTER & GAMBLE COMPANY	2,849,405
SCHOLZ, ARNE	2,849,309	SODHI, THOMAS S.	2,849,125	THE PROCTER & GAMBLE COMPANY	2,849,408
SCHONEBERGER, JAN	2,849,345	SOEN, ALAIN	2,849,235	THE PROCTER & GAMBLE COMPANY	2,849,478
SCHOTTNER, GERHARD	2,845,296	SONG, JUNHO	2,849,493	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,849,331
SCHOWALTER, JORG	2,849,307	SPRENGER-HAUSSELS, MARKUS	2,849,354	THE SHERWIN-WILLIAMS COMPANY	2,849,121
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SCHUBERT, TIM	2,849,354	STAM, ARNO THEODOOR	2,849,393	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2,849,267
SCHULER, CHRISTOPHER	2,849,435	STAMMER, ANDREAS	2,849,266	THE UNIVERSITY OF WESTERN ONTARIO	2,849,381
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SCHULER, FREDERICK J.	2,849,250	STARBILE, PAUL VINCENT	2,849,462		
SCHULTZ, STEPHANIE	2,849,240	STARBUCKS CORPORATION			
SCHWARZ, QUENTEN PHILIP	2,849,271	D/B/A STARBUCKS COFFEE COMPANY	2,849,507		
SCHWEISS, RUDIGER	2,849,306	STARCK, MATHIEU	2,849,234		
SCOTT, NATALIE FRANCES	2,849,435	STARTA, CHRISTOPHER D.	2,849,240		
SCUILLER, LIONEL	2,849,193	STEFAN, RALPH	2,849,546		
SEB S.A.	2,849,413	STEFFEY, MELINDA PHYLLIS	2,849,149		
SECUREKEY TECHNOLOGIES INC.	2,849,235	STEIMKE, DAVID	2,849,229		
SELLEY, DAVID	2,849,324	STESEL, PETER	2,849,438		
SEMAN, RICHARD A.	2,849,266	STEWART, HANNAH	2,849,241		
SEMKEN, ROBERT SCOTT	2,849,486	STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK	2,849,418		
SEPULVEDA LETELIER, RICARDO FERNANDO	2,849,231	SUN, CHIENGJUN	2,849,197		
SERGEANTS PET CARE PRODUCTS, INC.	2,844,874	SUN, GUANGLIN	2,849,430		
SGL CARBON SE	2,849,279	SUNNYBROOK RESEARCH INSTITUTE	2,849,277		
	2,849,435	SUNOSE, MIHIRO	2,849,493		
		SUTTER, ALEXANDRA	2,849,189		
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THURFJELL, NILS LENNART	2,849,119	VANDIVINIT, JEFF	2,849,399	WILLIS, REBECCA	2,849,361
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THYPARAMBIL, SHEENO	2,849,301	VARIABLE GRAVITY		WINGTECH AS	2,849,548
THYSSENKRUPP UHDE		PATENTS, LLC	2,849,265	WINVIC SALES, INC.	2,849,134
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MARIUS	2,849,176	VIIG, MARTIN SCHWARTZ	2,849,363	WU, DAGANG	2,849,245
TOKUYAMA CORPORATION	2,849,282	VINCENT, ERIC	2,849,414	WU, YINGYUN	2,849,471
TOMKO, DANIEL JASON	2,849,293	VINSON, PHILLIP KYLE	2,849,149	XIE, BINGLONG	2,849,428
TORAY INDUSTRIES, INC.	2,849,280	VINSON, PHILLIP KYLE	2,849,478	XU, JIANMING	2,849,166
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TORNSTEN, JONAS	2,849,178	UNIVERSITY	2,849,473	YACHI, YUKA	2,849,280
TORRES, LUIS E.	2,849,168	VKR HOLDING A/S	2,849,332	YALKINOGLU, OZKAN	2,849,195
TORRES, LUIS E.	2,849,169	VKR HOLDING A/S	2,849,337	YAMANAKA, SHINTARO	2,849,285
TOTAL RESEARCH &		VKR HOLDING A/S	2,849,353	YAMANAKA, SHINTARO	2,849,286
TECHNOLOGY FELUY	2,849,180	VKR HOLDING A/S	2,849,363	YANG, JUN	2,849,381
TOWNSEND, CRAIG	2,849,207	VKR HOLDING A/S	2,849,364	YANG, MOONOCK	2,849,029
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TROSHKO, ANDREY A.	2,849,253	VOLKER CORTE-REAL, SOFIA	2,849,409	YANG, YUNLAI	2,849,305
TROST, BRETT	2,849,334	VON MORSTEIN, OLAF	2,845,296	YANG, YUNLAI	2,849,308
TRUSKOVSKY, ALEXANDER	2,849,172	VU, DE	2,849,290	YANG, YUNLAI	2,849,310
TRYGGVASON, KARL	2,849,244	VU, DIEN VAN	2,849,507	YANG, YUNLAI	2,849,314
TUNG, WAE-HAI	2,849,458	W. L. GORE & ASSOCIATES		YAO, MYLENE	2,849,313
TURBOMECA	2,849,413	INC.	2,849,445	YAO, YIMIN	2,838,836
TURECEK, PETER	2,838,845	WALKER, TORIN	2,849,158	YARDEN, RONIT	2,849,343
TYTGAT, ISABELLE	2,849,380	WALLACE, NEIL JOHN	2,849,315	YEH, CHARLES S.	2,849,253
UBAYASENA, LASANTHA	2,849,470	WALLACE, ROSEMARIE	2,849,078	YISSUM RESEARCH	
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UNISYS CORPORATION	2,849,319	WANG, YE-KUI	2,849,281	YOO, CHANG-HYUN	2,849,289
UNIVERSIDAD DE LOS		WANG, YE-KUI	2,849,283	YOOK, JIN-SOO	2,849,289
ANDES	2,849,577	WANG, YE-KUI	2,849,284	YOTA DEVICES IPR LTD	2,849,432
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STRASBOURG	2,849,309	WAVELIGHT GMBH	2,849,371	YOUNGQUIST, MICHELE	2,849,124
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UNIVFY INC.	2,849,313	WEI, ZHONGYONG	2,849,169	ZAPATA, FRANKIE	2,849,232
URBIN, STEPHANIE ANN	2,849,149	WEINBERGER, ERIC PATTON	2,849,404	ZEID, JOUMANA	2,849,210
URBIN, STEPHANIE ANN	2,849,269	WEISBROD, SAMUEL	2,849,192	ZHANG, HONGJUN	2,849,168
URBIN, STEPHANIE ANN	2,849,478	WEISMAN, PAUL THOMAS	2,849,404	ZHANG, PUQING	2,849,396
USG INTERIORS, LLC	2,849,654	WELDON, STEPHEN CRAIG	2,849,464	ZHANG, XIAOHU	2,849,194
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AGCO CORPORATION	2,847,627	DISANTO, DANIEL M.	2,848,290	HUANG, PENGJUN	2,848,480
AHN, CHIE-TEUK	2,848,591	DIXON, RICHARD W.	2,848,662	HYDRO QUEBEC	2,848,580
AIR PRODUCTS AND CHEMICALS, INC.	2,846,876	DOLENTI, WILLIAM T.	2,848,891	INTERDIGITAL TECHNOLOGY CORPORATION	2,848,679
ALDIGHIERI, STEFANO	2,848,290	DOOLEY, KEVIN ALLAN	2,847,641	IVANOV, VLADIMIR	2,847,885
ALKON, DANIEL L.	2,848,881	DUHE, JASON	2,848,643	JAUTELAT, MANFRED	2,846,948
ALNYLAM PHARMACEUTICALS, INC.	2,848,573	DUTZMANN, STEFAN	2,846,948	JOETTEN, CHRISTOPH A.	2,848,480
AMGEN FREMONT INC.	2,847,885	DWYER, CLIFFORD J.	2,847,643	KABUSHIKI KAISHA TOSHIBA	2,846,930
ANDERTON, BRIAN	2,848,433	DWYER, CLIFFORD J.	2,847,658	KABUSHIKI KAISHA TOSHIBA	2,846,932
ARHANCET, JUAN P.	2,847,960	EDGE, STEPHEN W.	2,848,706	KANAMURA, SHOHEI	2,846,930
ARIAT INTERNATIONAL, INC.	2,848,290	EDWARDS LIFESCIENCES PVT, INC.	2,847,212	KANAMURA, SHOHEI	2,846,932
ARMAND, MICHEL	2,848,580	ELBASHIR, SAYDA	2,848,573	KEADY, AIDAN GERARD	2,848,033
BAKER, SHENDA	2,848,653	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	2,848,591	KEANE, JOHN ANTHONY	2,848,033
BASH, ASSAF	2,847,212	ELLIS, MICHAEL H.	2,848,893	KEAST, GEOFFREY RICHARD	2,848,893
BAYER AKTIENGESELLSCHAFT	2,846,948	ERGONURSE	2,848,025	KHATTAB, MOHAMED A.	2,846,302
BEDARD, YVON	2,847,137	ERIKSON, THOMAS	2,848,650	KHATTAB, MOHAMED A.	2,846,306
BELK, JONATHAN P.	2,848,662	EVOLUTION WELL SERVICE INC.	2,845,347	KIM, JIN-WOONG	2,848,591
BENICHU, NETANEL	2,847,212	FACEBOOK, INC.	2,848,100	KIM, KYU-HEON	2,848,591
BERGKAMP, ALAN R.	2,847,627	FLEURY, BYRON A.	2,848,891	KING'S COLLEGE LONDON	2,848,433
BILIARI, FRANK	2,847,786	FLOWERVE MANAGEMENT COMPANY	2,848,891	KINOSHITA, KIMIO	2,848,580
BIOGAIA AB	2,848,494	FORBES, JAMES W.	2,846,302	KIPHART, ROGER STEVEN	2,848,093
BIS, TOMAS	2,846,302	FORBES, JAMES W.	2,846,306	KJI ENTERPRISES, INC.	2,848,583
BIS, TOMAS	2,846,306	FRANK, GEORG	2,848,480	KOSTECKI, ROBERT	2,848,580
BLANCHETTE ROCKEFELLER NEUROSCIENCES INSTITUTE	2,848,881	FREY, GEORGE A.	2,846,942	KOWALSKI, JOHN	2,848,679
BOMBARDIER RECREATIONAL PRODUCTS INC.	2,847,137	FUJISAKI, YUKI	2,848,666	KRASA, ROBERT T.	2,845,227
BOSMAN, TUDOR	2,848,100	FUJITA, REIKO	2,846,930	KUMAR, SHANKAR	2,848,662
BUCHHEIT, PAUL	2,848,100	FUJITA, REIKO	2,846,932	LACY, SUSAN E.	2,848,662
BURROUGHS, KIRK ALLAN	2,848,706	FUNG, EMMA	2,848,662	LARSEN, GERRIT TENNYSON	2,848,025
BUTCHER, AARON M.	2,848,667	GAUTHIER, TRACEY M.	2,848,700	LEE, MYOUNG-HO	2,848,591
BUTCHER, AARON M.	2,848,700	GHAUST, JAMES	2,848,643	LEE, YOON-JIN	2,848,591
BYERS, HELEN	2,848,433	GILBREATH, DONALD R.	2,848,893	LEE, YOUNG GYU	2,848,273
CHAREST, PATRICK	2,848,580	GOERTZ, MAGNUS	2,848,650	LIM, YOUNG-KWON	2,848,591
CHEONG, WON-SIK	2,848,591	GRANZOW, WOLFGANG	2,848,480	LOHRENTZ, RANDY	2,847,627
CLARK, STANLEY R.	2,847,627	GREEN, LARRY L.	2,847,885	LOMP, GARY	2,848,679
COLI, TODD	2,845,347	GRIFFIN, BENJAMIN	2,848,033	LONEY, GREGORY C.	2,842,661
COMRIE, DOUGLAS C.	2,848,601	GUERFI, ABDELBAST	2,848,580	LONEY, GREGORY C.	2,842,721
CONNOLLY, EAMONN	2,848,494	HADWIGER, PHILIPP	2,848,573	LONEY, GREGORY C.	2,842,723
CORDIS CORPORATION	2,847,643	HANGER, DIANE	2,848,433	M-I L.L.C.	2,848,643
CORDIS CORPORATION	2,847,658	HANSON, IAN B.	2,847,548	MAKADIA, VALLABH	2,847,960
CTB, INC.	2,848,093	HARRIS, JENSEN M.	2,848,667	MARTIN, RUTH E.	2,847,786
DA CRUZ, MARCIO J.	2,848,903	HARRIS, JENSEN N.	2,848,700	MCLEAN, CHRISTOPHER R.	2,846,876
DARNELL, BENJAMIN	2,848,100	HAYASHI, YUKI	2,848,666	MEDTRONIC MINIMED, INC.	2,847,548
DAVIS, WILLIAM R.	2,846,302	HEISE, JOHN M.	2,845,916	MICROSOFT CORPORATION	2,848,667
DAVIS, WILLIAM R.	2,846,306	HEISE, JERALD D.	2,847,960	MICROSOFT CORPORATION	2,848,700
		HELWIG, STEFAN L.	2,848,583	MIZUGUCHI, KOJI	2,846,930
		HIMBERGER, ANDREW M.	2,848,700	MIZUGUCHI, KOJI	2,846,932
				MOBERG, SHEL DON B.	2,847,548
				MOLLSTAM, BO	2,848,494

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MONSANTO TECHNOLOGY LLC	2,847,960	STARK, GLENN	2,842,721
MORRIS, DANIEL J.	2,848,891	STARK, GLENN	2,842,723
MORTON, DAVID A.	2,848,667	STENZEL, KLAUS	2,846,948
MUSSELMAN, DARYL	2,846,876	STONER, CHRISTOPHER	2,846,876
NATIONAL STEEL CAR LIMITED	2,846,302	STRACK, KURT M.	2,848,583
NATIONAL STEEL CAR LIMITED	2,846,306	SUN, MIAO-KUN	2,848,881
NEONODE INC.	2,848,650	SWIFT, JONATHAN CLARK	2,848,893
NICHOLSON, BRET DAVID	2,848,025	SYNEDGEN, INC.	2,848,653
NORRIS, JAMES	2,848,100	TAKAHASHI, YUYA	2,846,930
NOX II, LTD.	2,848,601	TAKAHASHI, YUYA	2,846,932
OLDHAM, JOSHUA ROBERT	2,848,025	TALBOT, CARY D.	2,847,548
OMORI, TAKASHI	2,846,930	TAYLOR, STEVEN BRET	2,848,100
OMORI, TAKASHI	2,846,932	THE GATES CORPORATION	2,848,893
ORGILL, MICHAEL ALLEN	2,848,093	THE UNIVERSITY OF WESTERN ONTARIO	2,847,786
OSATO, TETSUO	2,846,930	THEURER, JULIE A.	2,847,786
OSATO, TETSUO	2,846,932	TODD, CHRIS	2,842,661
OZLUTURK, FAITH	2,848,679	TODD, CHRIS	2,842,721
PARK, GWANG-HOON	2,848,591	TODD, CHRIS	2,842,723
PIETSCH, CHRISTIAN	2,848,480	TORAY INDUSTRIES, INC.	2,848,666
PION, BENOIT	2,847,137	VELLELLA, VINCENT A.	2,848,601
PRATT & WHITNEY CANADA CORP.	2,847,641	VENTANA MEDICAL SYSTEMS, INC.	2,842,661
PROTEOME SCIENCES PLC	2,848,433	VENTANA MEDICAL SYSTEMS, INC.	2,842,721
QUALCOMM INCORPORATED	2,848,480	VENTANA MEDICAL SYSTEMS, INC.	2,842,723
QUALCOMM INCORPORATED	2,848,706	VORNLOCHER, HANS-PETER	2,848,573
RAILSBACK, LAYNE	2,848,893	WAHL PROCESS SYSTEMS AS	2,848,698
REA, JUDITH ANN	2,848,033	WAHL, TONY	2,848,698
REGIER, BERNARD D.	2,847,627	WARD, MALCOLM	2,848,433
ROBINSON, URANO A.	2,848,903	WERNER, MARC W.	2,848,480
ROES, CHRISTOPHER RICHARD	2,848,093	WHITE, ELIZABETH	2,848,025
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ROSENVELL, ANDREW MICHAEL	2,848,025	WIESMANN, WILLIAM P.	2,848,653
RYAN, SHANNON	2,848,653	WOO YOUNG MEDICAL CO., LTD.	2,848,273
SABATA, BIKASH	2,842,661	YAITA, YUMI	2,846,930
SABATA, BIKASH	2,842,721	YAITA, YUMI	2,846,932
SABATA, BIKASH	2,842,723	YAMASHITA, YU	2,846,930
SATTERFIELD, JESSE CLAY	2,848,667	YAMASHITA, YU	2,846,932
SATTERFIELD, JESSE CLAY	2,848,700	YAZAWA, TAKASHI	2,846,930
SAUERWEIN, CHRISTOPHER T.	2,847,627	YAZAWA, TAKASHI	2,846,932
SCHIELSKE, ELDON	2,845,347	YOSHII, RYOJI	2,848,666
SCHMIDT, JAMES R.	2,847,627	ZAGHIB, KARIM	2,848,580
SGRAJA, CHRISTIAN	2,848,480	ZAKAI, AVRAHAM	2,847,212
SHAIN, JOSEPH	2,848,650		
SILVENIS, JASON THOMAS	2,848,025		
SIMON, KELVIN (DECEASED)	2,848,643		
SINGH, SANJEEV	2,848,100		
SMITH, REBECCA C.	2,847,786		
SMITHSON, ROBERT L.W.	2,845,227		
SOUTHEAST DIRECTIONAL DRILLING, LLC	2,845,916		
SOUTSCHEK, JUERGEN	2,848,573		
SPECTRA7 MICROSYSTEMS (IRELAND) LIMITED	2,848,033		
SPENSER, BENJAMIN	2,847,212		
STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY	2,848,903		
STARK, GLENN	2,842,661		